Name:

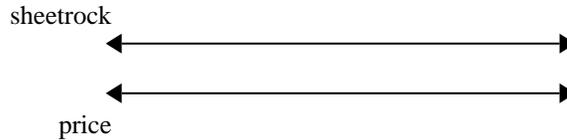**Use the double numberline to solve the problems.**

1) A builder could get 6 sheets of sheetrock for $9. If he bought 12 sheets, how much money would he have spent?

sheetrock

price

1. _____

2. _____

2) A sloppy joe restaurant gave 3 napkins for every 7 items ordered. If someone bought 14 items, how many napkins should they get?

item

napkins

3. _____

4. _____

3) In a video game for every 6 enemies defeat, you earned 3 points. If you defeated 48 enemies, how many points would you have earned?

enemies

points

5. _____

6. _____

4) At a school fundraiser for every 9 boxes of chocolate sold you earn 5 points. If you were to sell 72 boxes, how many points would you have earned?

boxes

points

7. _____

8. _____

5) A recipe call for 5 teaspoons of seasoning for every 6 batches of chicken. If you have 12 batches of chicken, how many teaspoons of seasoning will you need?

chicken

seasoning

6) A box of candy had 4 cherry pieces for every 9 lemon pieces. If the box had 45 lemon pieces, how many cherry pieces would there be?

lemon

cherry

7) For every 6 cans Oliver collected for recycling he earned 9 cents. After he collected 60 cans, how much money would he have earned?

cans

money

8) The ratio of boys to girls at the park was 9 to 6. If there were 45 boys, how many girls were there?

boys

girls

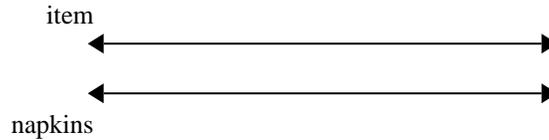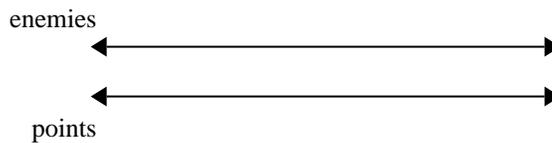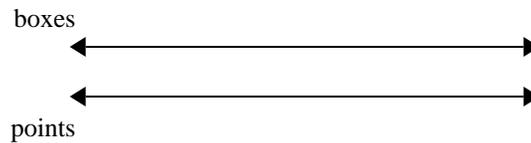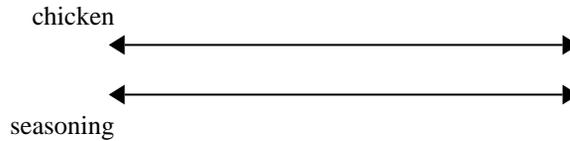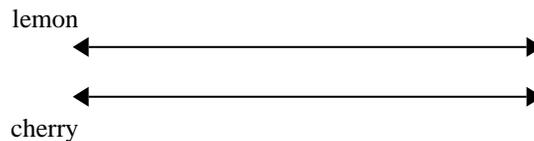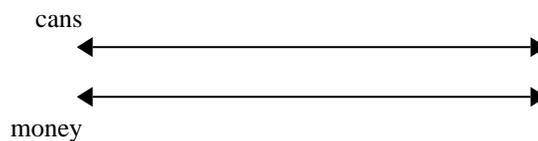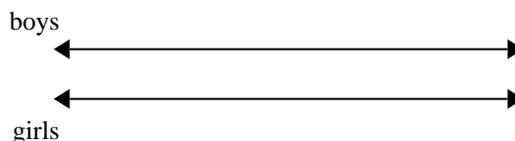| 1-8 | 88 | 75 | 63 | 50 | 38 | 25 | 13 | 0 |

Name:

Use the double numberline to solve the problems.

Answers

1) A builder could get 6 sheets of sheetrock for $9. If he bought 12 sheets, how much money would he have spent?

sheetrock	0	6	12
price	0	9	18

2) A sloppy joe restaurant gave 3 napkins for every 7 items ordered. If someone bought 14 items, how many napkins should they get?

item	0	7	14
napkins	0	3	6

3) In a video game for every 6 enemies defeat, you earned 3 points. If you defeated 48 enemies, how many points would you have earned?

enemies	0	6	12	18	24	30	36	42	48
points	0	3	6	9	12	15	18	21	24

4) At a school fundraiser for every 9 boxes of chocolate sold you earn 5 points. If you were to sell 72 boxes, how many points would you have earned?

boxes	0	9	18	27	36	45	54	63	72
points	0	5	10	15	20	25	30	35	40

5) A recipe call for 5 teaspoons of seasoning for every 6 batches of chicken. If you have 12 batches of chicken, how many teaspoons of seasoning will you need?

chicken	0	6	12
seasoning	0	5	10

6) A box of candy had 4 cherry pieces for every 9 lemon pieces. If the box had 45 lemon pieces, how many cherry pieces would there be?

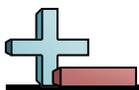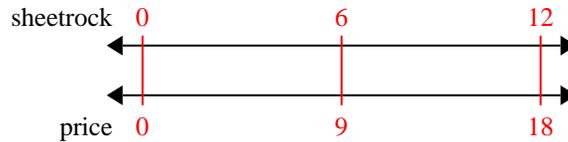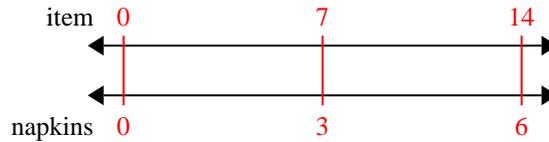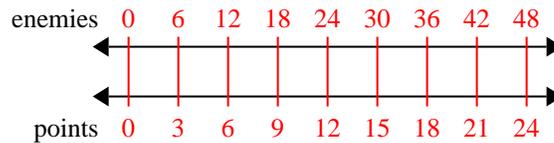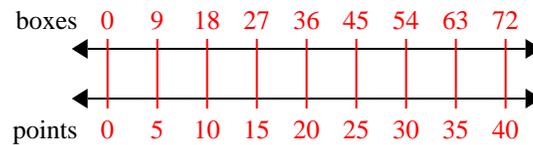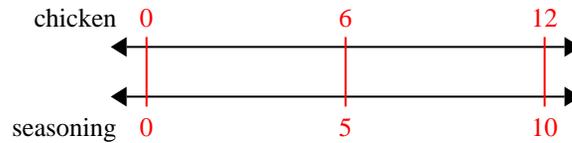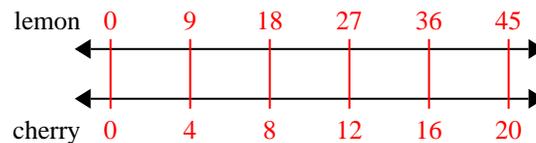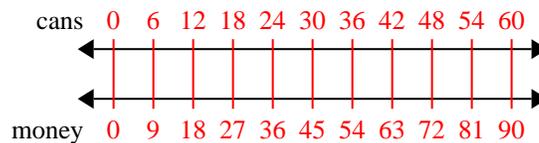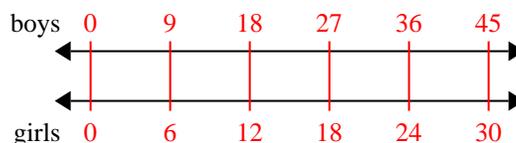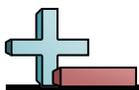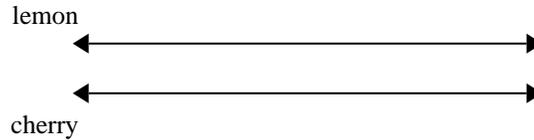| lemon	0	9	18	27	36	45
cherry	0	4	8	12	16	20

7) For every 6 cans Oliver collected for recycling he earned 9 cents. After he collected 60 cans, how much money would he have earned?

cans	0	6	12	18	24	30	36	42	48	54	60
money	0	9	18	27	36	45	54	63	72	81	90

8) The ratio of boys to girls at the park was 9 to 6. If there were 45 boys, how many girls were there?

boys	0	9	18	27	36	45
girls	0	6	12	18	24	30

1. **18**
2. **6**
3. **24**
4. **40**
5. **10**
6. **20**
7. **90**
8. **30**

Using Double Numberlines for Ratios

Name:

Use the double numberline to solve the problems.

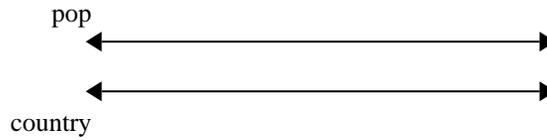**1)** A box of candy had 10 cherry pieces for every 8 lemon pieces. If the box had 40 lemon pieces, how many cherry pieces would there be?

lemon

cherry

1. _____

2. _____

2) On her MP3 player for every 8 pop song Debby had she also had 7 country song. If she has 16 pop songs on her MP3 player, how many country songs does she have?
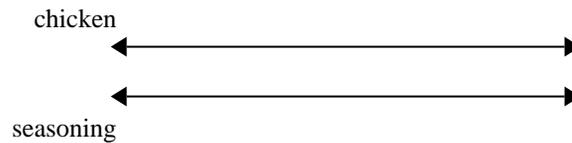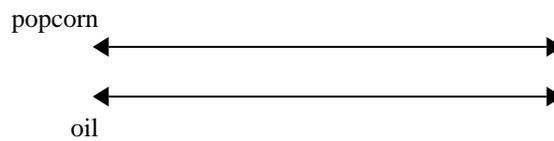
pop

country

3. _____

4. _____

3) A recipe call for 5 teaspoons of seasoning for every 7 batches of chicken. If you have 14 batches of chicken, how many teaspoons of seasoning will you need?
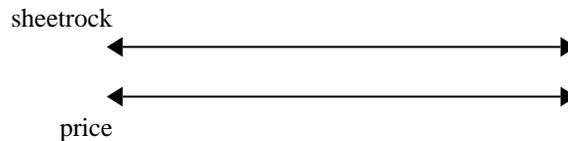
chicken

seasoning

5. _____

6. _____

4) A movie theater put 4 cups of oil for every 9 batches of popcorn they made. After they had made 45 batches of popcorn, how much oil would they have used?
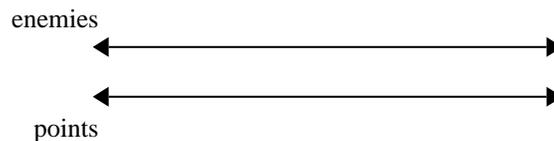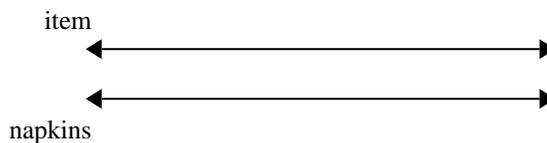
popcorn

oil

7. _____

8. _____

5) A builder could get 3 sheets of sheetrock for $4. If he bought 30 sheets, how much money would he have spent?

sheetrock

price

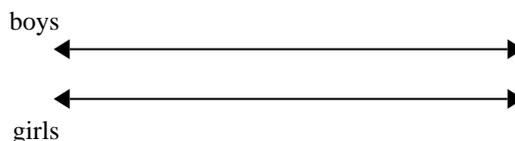**6)** In a video game for every 2 enemies defeat, you earned 5 points. If you defeated 4 enemies, how many points would you have earned?

enemies

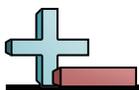points

7) A sloppy joe restaurant gave 6 napkins for every 4 items ordered. If someone bought 20 items, how many napkins should they get?

item

napkins

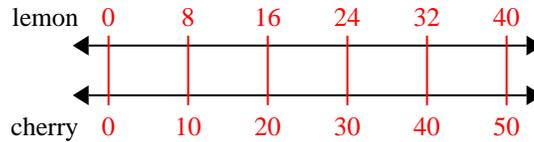**8)** The ratio of boys to girls at the park was 4 to 7. If there were 16 boys, how many girls were there?

boys

girls

Math

www.CommonCoreSheets.com

2

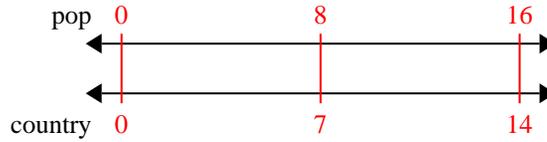| 1-8 | 88 | 75 | 63 | 50 | 38 | 25 | 13 | 0 |

Name:
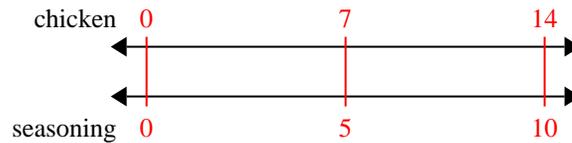
Use the double numberline to solve the problems.

Answers

1) A box of candy had 10 cherry pieces for every 8 lemon pieces. If the box had 40 lemon pieces, how many cherry pieces would there be?

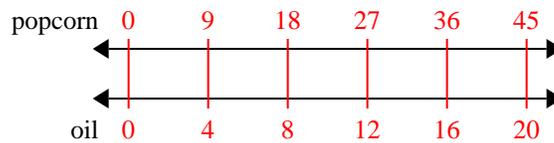| lemon	0	8	16	24	32	40
cherry	0	10	20	30	40	50

1. **50**

2) On her MP3 player for every 8 pop song Debby had she also had 7 country song. If she has 16 pop songs on her MP3 player, how many country songs does she have?
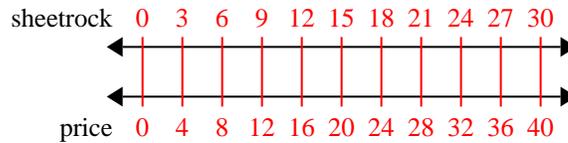
pop	0	8	16
country	0	7	14

2. **14**

3. **10**

3) A recipe call for 5 teaspoons of seasoning for every 7 batches of chicken. If you have 14 batches of chicken, how many teaspoons of seasoning will you need?
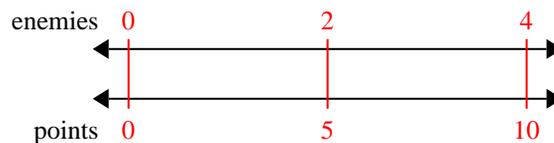
chicken	0	7	14
seasoning	0	5	10

4. **20**

5. **40**

4) A movie theater put 4 cups of oil for every 9 batches of popcorn they made. After they had made 45 batches of popcorn, how much oil would they have used?
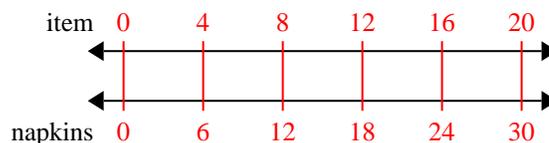
popcorn	0	9	18	27	36	45
oil	0	4	8	12	16	20

6. **10**

7. **30**

5) A builder could get 3 sheets of sheetrock for $4. If he bought 30 sheets, how much money would he have spent?

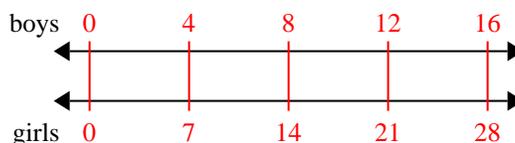| sheetrock	0	3	6	9	12	15	18	21	24	27	30
price	0	4	8	12	16	20	24	28	32	36	40

8. **28**

6) In a video game for every 2 enemies defeat, you earned 5 points. If you defeated 4 enemies, how many points would you have earned?
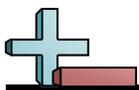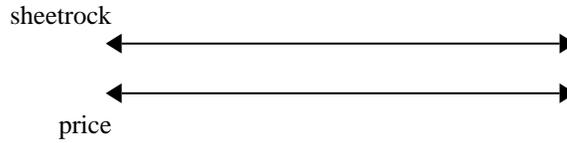
enemies	0	2	4
points	0	5	10

7) A sloppy joe restaurant gave 6 napkins for every 4 items ordered. If someone bought 20 items, how many napkins should they get?

item	0	4	8	12	16	20
napkins	0	6	12	18	24	30

8) The ratio of boys to girls at the park was 4 to 7. If there were 16 boys, how many girls were there?

boys	0	4	8	12	16
girls	0	7	14	21	28

Name:

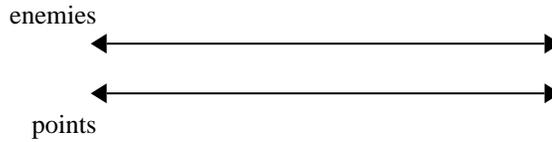**Use the double numberline to solve the problems.**

1) A builder could get 6 sheets of sheetrock for $3. If he bought 60 sheets, how much money would he have spent?
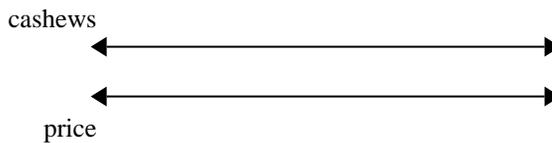
sheetrock

price

1. _____

2) In a video game for every 4 enemies defeat, you earned 3 points. If you defeated 24 enemies, how many points would you have earned?
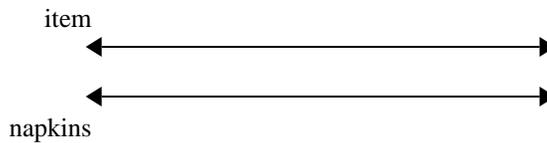
enemies

points

2. _____

3. _____

4. _____

3) A store had a sale where you could get 5 bags of cashews for $4. If you wanted to buy 50 bags, how much would it cost?

cashews

price

5. _____

6. _____

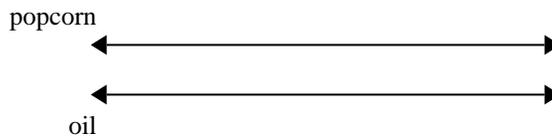**4)** A sloppy joe restaurant gave 3 napkins for every 5 items ordered. If someone bought 30 items, how many napkins should they get?
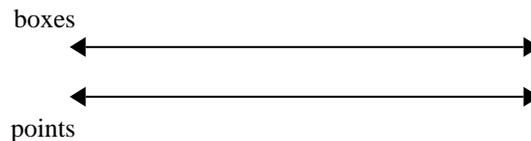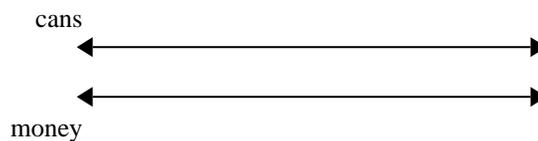
item

napkins

7. _____

8. _____

5) A movie theater put 7 cups of oil for every 10 batches of popcorn they made. After they had made 40 batches of popcorn, how much oil would they have used?
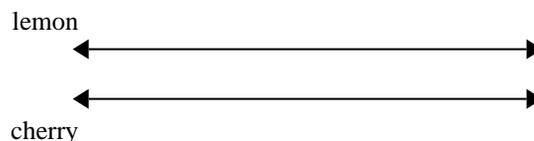
popcorn

oil

6) At a school fundraiser for every 4 boxes of chocolate sold you earn 6 points. If you were to sell 12 boxes, how many points would you have earned?

boxes

points

7) For every 2 cans Oliver collected for recycling he earned 7 cents. After he collected 10 cans, how much money would he have earned?
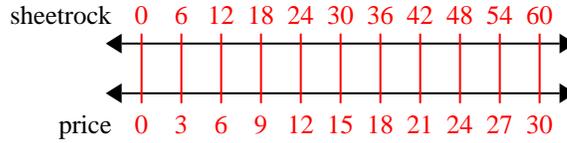
cans

money

8) A box of candy had 3 cherry pieces for every 6 lemon pieces. If the box had 48 lemon pieces, how many cherry pieces would there be?

lemon
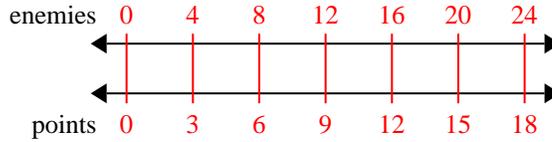
cherry

| 1-8 | 88 | 75 | 63 | 50 | 38 | 25 | 13 | 0 |

Use the double numberline to solve the problems.
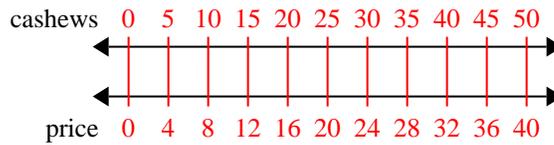
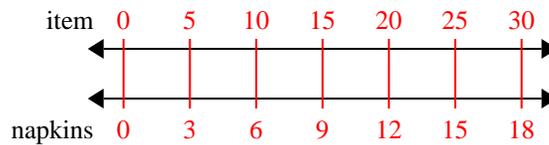1) A builder could get 6 sheets of sheetrock for $3. If he bought 60 sheets, how much money would he have spent?

sheetrock   0   6   12   18   24   30   36   42   48   54   60

price   0   3   6   9   12   15   18   21   24   27   30

1.   **30**

2) In a video game for every 4 enemies defeat, you earned 3 points. If you defeated 24 enemies, how many points would you have earned?
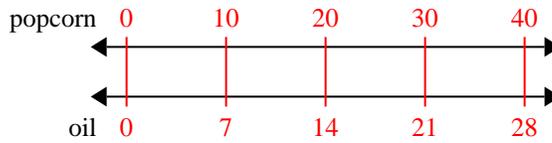
enemies   0   4   8   12   16   20   24

points   0   3   6   9   12   15   18

2.   **18**

3.   **40**

3) A store had a sale where you could get 5 bags of cashews for $4. If you wanted to buy 50 bags, how much would it cost?

cashews   0   5   10   15   20   25   30   35   40   45   50

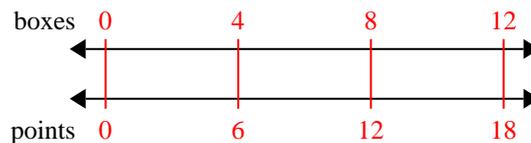price   0   4   8   12   16   20   24   28   32   36   40

4.   **18**

5.   **28**

4) A sloppy joe restaurant gave 3 napkins for every 5 items ordered. If someone bought 30 items, how many napkins should they get?

item   0   5   10   15   20   25   30

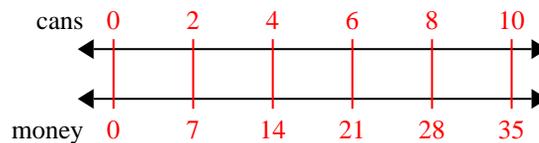napkins   0   3   6   9   12   15   18

6.   **18**

7.   **35**

5) A movie theater put 7 cups of oil for every 10 batches of popcorn they made. After they had made 40 batches of popcorn, how much oil would they have used?
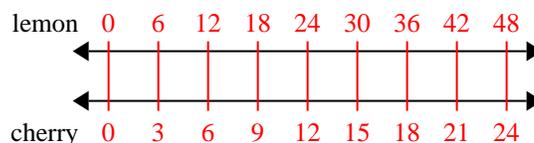
popcorn   0   10   20   30   40

oil   0   7   14   21   28

8.   **24**

6) At a school fundraiser for every 4 boxes of chocolate sold you earn 6 points. If you were to sell 12 boxes, how many points would you have earned?
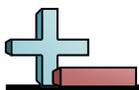
boxes   0   4   8   12

points   0   6   12   18

7) For every 2 cans Oliver collected for recycling he earned 7 cents. After he collected 10 cans, how much money would he have earned?

cans   0   2   4   6   8   10

money   0   7   14   21   28   35

8) A box of candy had 3 cherry pieces for every 6 lemon pieces. If the box had 48 lemon pieces, how many cherry pieces would there be?
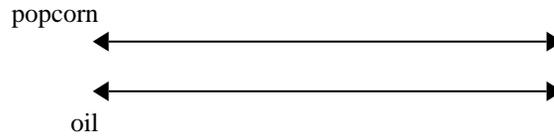
lemon   0   6   12   18   24   30   36   42   48

cherry   0   3   6   9   12   15   18   21   24

Using Double Numberlines for Ratios

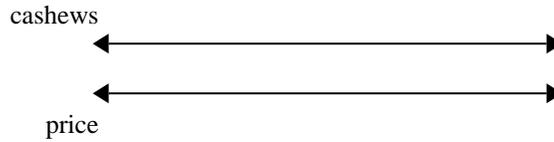**Use the double numberline to solve the problems.**

1) A movie theater put 4 cups of oil for every 2 batches of popcorn they made. After they had made 6 batches of popcorn, how much oil would they have used?
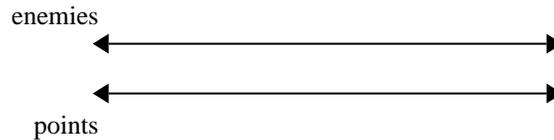
popcorn

oil

2) A store had a sale where you could get 6 bags of cashews for $8. If you wanted to buy 60 bags, how much would it cost?

cashews

price

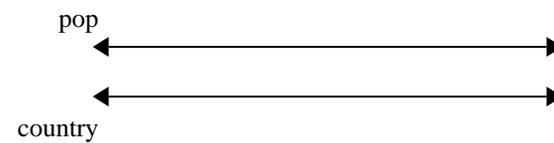**3)** In a video game for every 7 enemies defeat, you earned 6 points. If you defeated 14 enemies, how many points would you have earned?
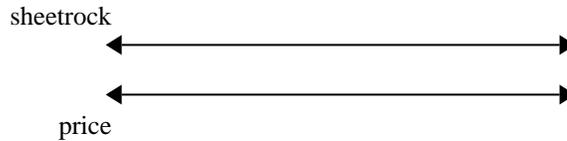
enemies

points

4) On her MP3 player for every 8 pop song Maria had she also had 10 country song. If she has 24 pop songs on her MP3 player, how many country songs does she have?
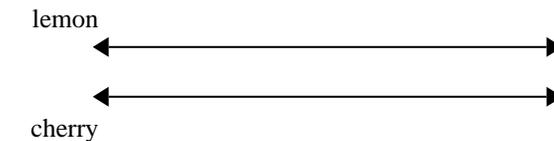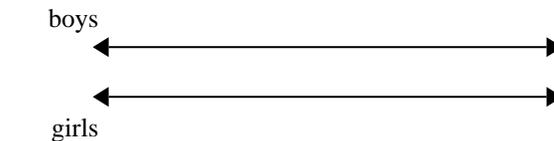
pop

country

5) A builder could get 3 sheets of sheetrock for $2. If he bought 15 sheets, how much money would he have spent?

sheetrock

price

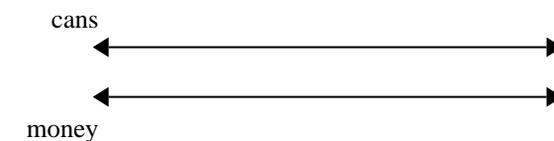**6)** A box of candy had 8 cherry pieces for every 3 lemon pieces. If the box had 30 lemon pieces, how many cherry pieces would there be?

lemon

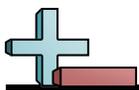cherry

7) The ratio of boys to girls at the park was 3 to 2. If there were 21 boys, how many girls were there?
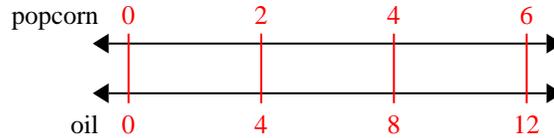
boys

girls

8) For every 7 cans Luke collected for recycling he earned 10 cents. After he collected 21 cans, how much money would he have earned?

cans

money

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

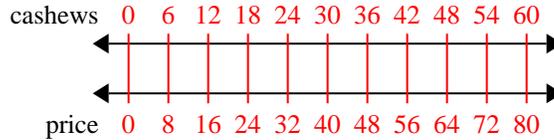| 1-8 | 88 | 75 | 63 | 50 | 38 | 25 | 13 | 0 |

Answer Key
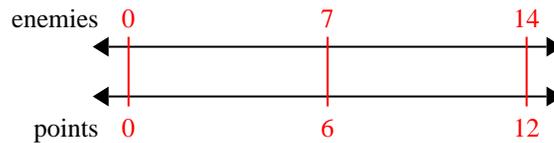
Use the double numberline to solve the problems.

1) A movie theater put 4 cups of oil for every 2 batches of popcorn they made. After they had made 6 batches of popcorn, how much oil would they have used?
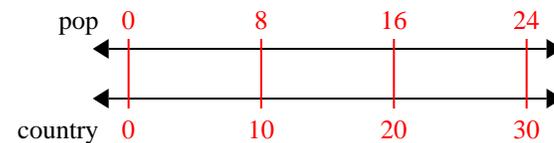
popcorn 0   2   4   6

oil 0   4   8   12

2) A store had a sale where you could get 6 bags of cashews for $8. If you wanted to buy 60 bags, how much would it cost?

cashews 0 6 12 18 24 30 36 42 48 54 60

price 0 8 16 24 32 40 48 56 64 72 80
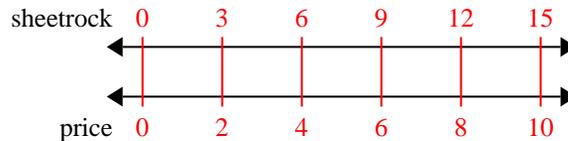
3) In a video game for every 7 enemies defeat, you earned 6 points. If you defeated 14 enemies, how many points would you have earned?
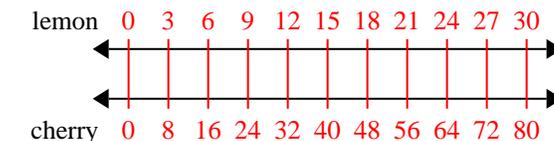
enemies 0   7   14

points 0   6   12

4) On her MP3 player for every 8 pop song Maria had she also had 10 country song. If she has 24 pop songs on her MP3 player, how many country songs does she have?
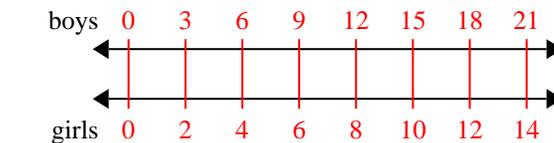
pop 0   8   16   24

country 0   10   20   30

5) A builder could get 3 sheets of sheetrock for $2. If he bought 15 sheets, how much money would he have spent?

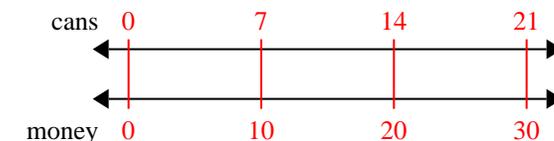sheetrock 0   3   6   9   12   15

price 0   2   4   6   8   10

6) A box of candy had 8 cherry pieces for every 3 lemon pieces. If the box had 30 lemon pieces, how many cherry pieces would there be?

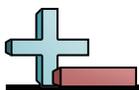lemon 0 3 6 9 12 15 18 21 24 27 30

cherry 0 8 16 24 32 40 48 56 64 72 80

7) The ratio of boys to girls at the park was 3 to 2. If there were 21 boys, how many girls were there?

boys 0 3 6 9 12 15 18 21

girls 0 2 4 6 8 10 12 14

8) For every 7 cans Luke collected for recycling he earned 10 cents. After he collected 21 cans, how much money would he have earned?
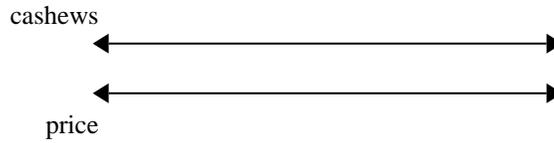
cans 0   7   14   21

money 0   10   20   30

1.	**12**
2.	**80**
3.	**12**
4.	**30**
5.	**10**
6.	**80**
7.	**14**
8.	**30**

1-8	88	75	63	50	38	25	13	0

Using Double Numberlines for Ratios

Name:

Use the double numberline to solve the problems.

Answers
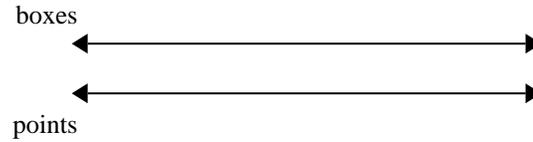
1) A store had a sale where you could get 9 bags of cashews for $3. If you wanted to buy 36 bags, how much would it cost?
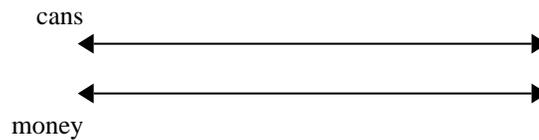
cashews

⟷

⟷

price

2) At a school fundraiser for every 9 boxes of chocolate sold you earn 6 points. If you were to sell 18 boxes, how many points would you have earned?
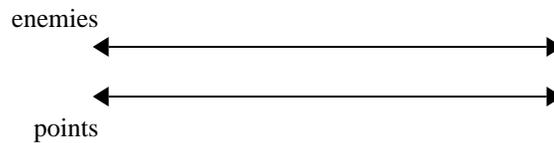
boxes

⟷

⟷

points

3) For every 9 cans Ned collected for recycling he earned 4 cents. After he collected 90 cans, how much money would he have earned?
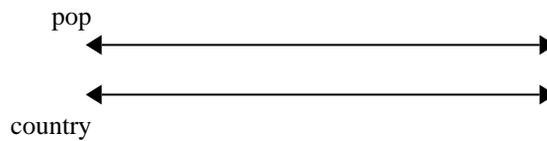
cans

⟷

⟷

money

4) In a video game for every 4 enemies defeat, you earned 7 points. If you defeated 32 enemies, how many points would you have earned?
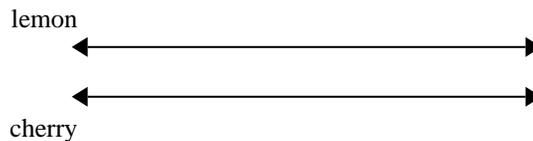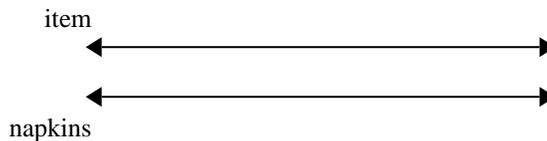
enemies

⟷

⟷

points

5) On her MP3 player for every 3 pop song Emily had she also had 8 country song. If she has 24 pop songs on her MP3 player, how many country songs does she have?
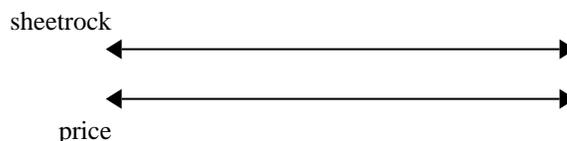
pop

⟷

⟷

country

6) A box of candy had 4 cherry pieces for every 7 lemon pieces. If the box had 49 lemon pieces, how many cherry pieces would there be?

lemon

⟷

⟷
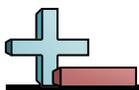
cherry

7) A sloppy joe restaurant gave 9 napkins for every 7 items ordered. If someone bought 63 items, how many napkins should they get?

item

⟷

⟷

napkins

8) A builder could get 9 sheets of sheetrock for $6. If he bought 63 sheets, how much money would he have spent?

sheetrock

⟷

⟷

price

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

Math   www.CommonCoreSheets.com   5

| 1-8 | 88 | 75 | 63 | 50 | 38 | 25 | 13 | 0 |

Name:

Use the double numberline to solve the problems.

Answers

1) A store had a sale where you could get 9 bags of cashews for $3. If you wanted to buy 36 bags, how much would it cost?

cashews 0   9   18   27   36

price 0   3   6   9   12

1. **12**

2) At a school fundraiser for every 9 boxes of chocolate sold you earn 6 points. If you were to sell 18 boxes, how many points would you have earned?

boxes 0   9   18

points 0   6   12

2. **12**

3) For every 9 cans Ned collected for recycling he earned 4 cents. After he collected 90 cans, how much money would he have earned?

cans 0 9 18 27 36 45 54 63 72 81 90

money 0 4 8 12 16 20 24 28 32 36 40

3. **40**

4) In a video game for every 4 enemies defeat, you earned 7 points. If you defeated 32 enemies, how many points would you have earned?

enemies 0 4 8 12 16 20 24 28 32

points 0 7 14 21 28 35 42 49 56

4. **56**

5) On her MP3 player for every 3 pop song Emily had she also had 8 country song. If she has 24 pop songs on her MP3 player, how many country songs does she have?

pop 0 3 6 9 12 15 18 21 24

country 0 8 16 24 32 40 48 56 64

5. **64**

6) A box of candy had 4 cherry pieces for every 7 lemon pieces. If the box had 49 lemon pieces, how many cherry pieces would there be?

lemon 0 7 14 21 28 35 42 49

cherry 0 4 8 12 16 20 24 28

6. **28**

7) A sloppy joe restaurant gave 9 napkins for every 7 items ordered. If someone bought 63 items, how many napkins should they get?
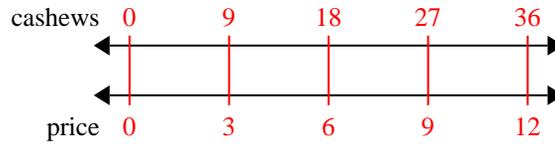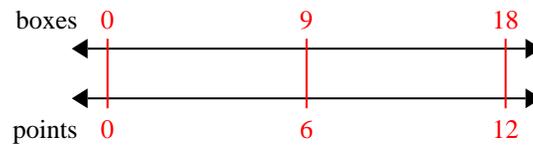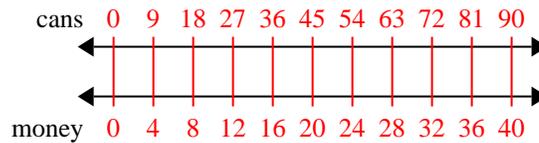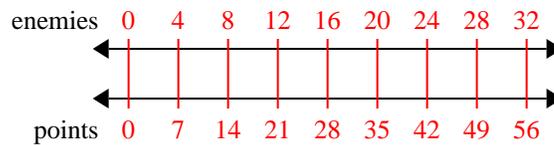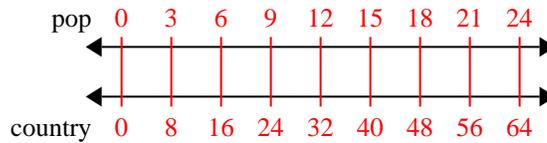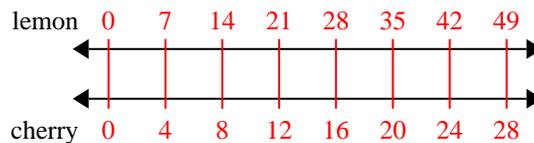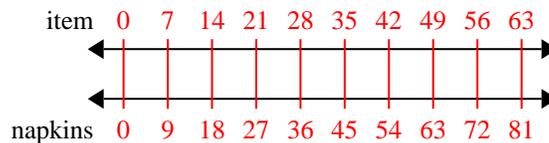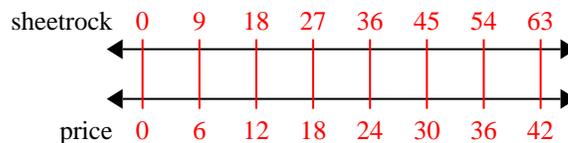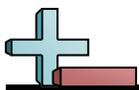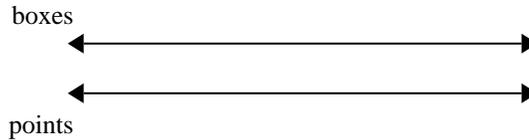
item 0 7 14 21 28 35 42 49 56 63

napkins 0 9 18 27 36 45 54 63 72 81

7. **81**

8) A builder could get 9 sheets of sheetrock for $6. If he bought 63 sheets, how much money would he have spent?

sheetrock 0 9 18 27 36 45 54 63

price 0 6 12 18 24 30 36 42

8. **42**

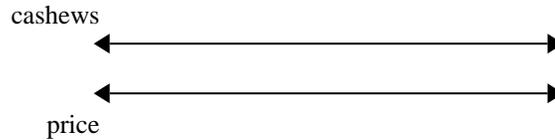| 1-8 | 88 | 75 | 63 | 50 | 38 | 25 | 13 | 0 |

Use the double numberline to solve the problems.

1) At a school fundraiser for every 3 boxes of chocolate sold you earn 7 points. If you were to sell 9 boxes, how many points would you have earned?
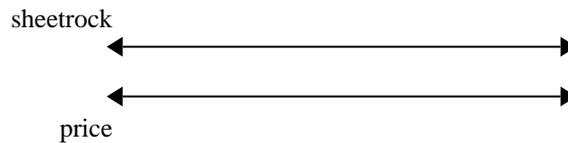
boxes

points

2) A store had a sale where you could get 4 bags of cashews for $7. If you wanted to buy 8 bags, how much would it cost?
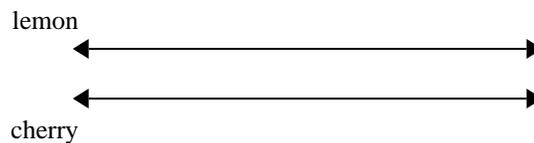
cashews

price

3) A builder could get 10 sheets of sheetrock for $8. If he bought 90 sheets, how much money would he have spent?
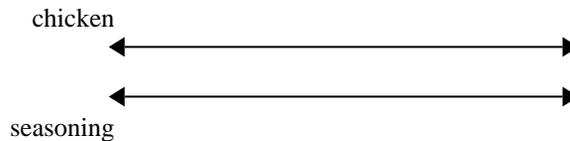
sheetrock

price

4) A box of candy had 2 cherry pieces for every 4 lemon pieces. If the box had 36 lemon pieces, how many cherry pieces would there be?
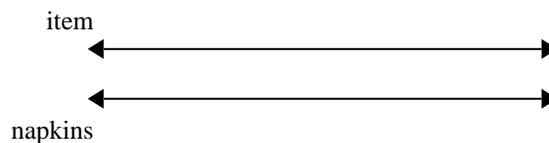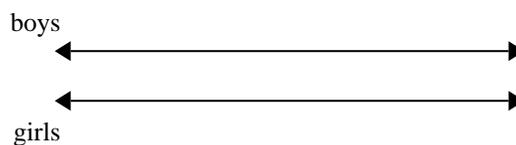
lemon

cherry

5) A recipe call for 4 teaspoons of seasoning for every 5 batches of chicken. If you have 50 batches of chicken, how many teaspoons of seasoning will you need?
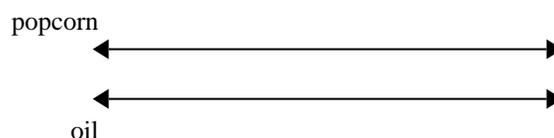
chicken

seasoning

6) A sloppy joe restaurant gave 3 napkins for every 7 items ordered. If someone bought 35 items, how many napkins should they get?
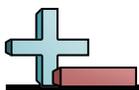
item

napkins

7) The ratio of boys to girls at the park was 9 to 4. If there were 36 boys, how many girls were there?
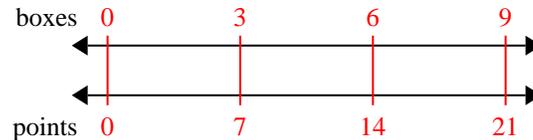
boys

girls

8) A movie theater put 7 cups of oil for every 5 batches of popcorn they made. After they had made 40 batches of popcorn, how much oil would they have used?
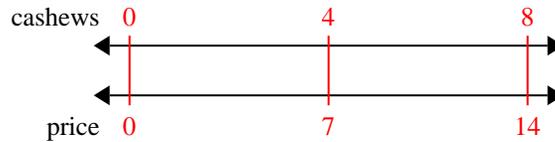
popcorn

oil

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

Name: **Answer Key**

Use the double numberline to solve the problems.
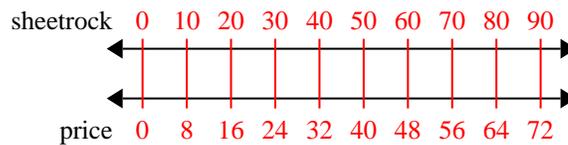
Answers

1) At a school fundraiser for every 3 boxes of chocolate sold you earn 7 points. If you were to sell 9 boxes, how many points would you have earned?
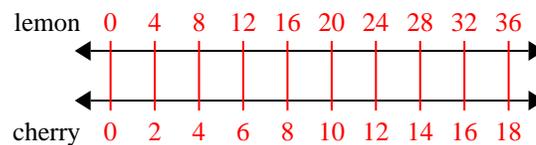
boxes 0   3   6   9

points 0   7   14   21

1. ____ **21**

2) A store had a sale where you could get 4 bags of cashews for $7. If you wanted to buy 8 bags, how much would it cost?
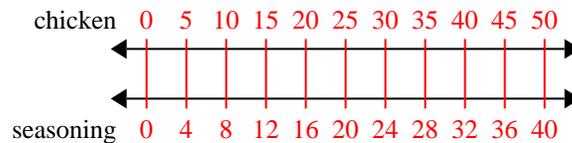
cashews 0   4   8

price 0   7   14

2. ____ **14**

3. ____ **72**

4. ____ **18**

3) A builder could get 10 sheets of sheetrock for $8. If he bought 90 sheets, how much money would he have spent?

sheetrock 0 10 20 30 40 50 60 70 80 90

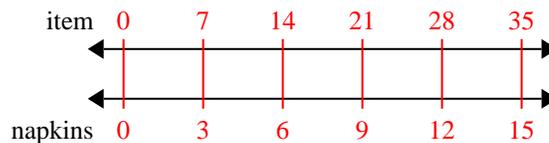price 0 8 16 24 32 40 48 56 64 72

5. ____ **40**

6. ____ **15**

4) A box of candy had 2 cherry pieces for every 4 lemon pieces. If the box had 36 lemon pieces, how many cherry pieces would there be?

lemon 0 4 8 12 16 20 24 28 32 36

cherry 0 2 4 6 8 10 12 14 16 18
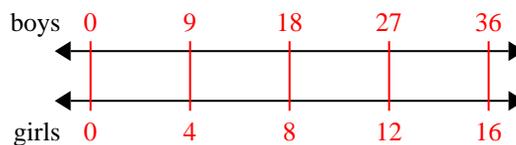
7. ____ **16**

8. ____ **56**

5) A recipe call for 4 teaspoons of seasoning for every 5 batches of chicken. If you have 50 batches of chicken, how many teaspoons of seasoning will you need?

chicken 0 5 10 15 20 25 30 35 40 45 50

seasoning 0 4 8 12 16 20 24 28 32 36 40

6) A sloppy joe restaurant gave 3 napkins for every 7 items ordered. If someone bought 35 items, how many napkins should they get?

item 0   7   14   21   28   35

napkins 0   3   6   9   12   15

7) The ratio of boys to girls at the park was 9 to 4. If there were 36 boys, how many girls were there?

boys 0   9   18   27   36

girls 0   4   8   12   16

8) A movie theater put 7 cups of oil for every 5 batches of popcorn they made. After they had made 40 batches of popcorn, how much oil would they have used?

popcorn 0 5 10 15 20 25 30 35 40

oil 0 7 14 21 28 35 42 49 56

1-8 | 88 | 75 | 63 | 50 | 38 | 25 | 13 | 0

Name:

Use the double numberline to solve the problems.

1) A recipe call for 6 teaspoons of seasoning for every 2 batches of chicken. If you have 14 batches of chicken, how many teaspoons of seasoning will you need?
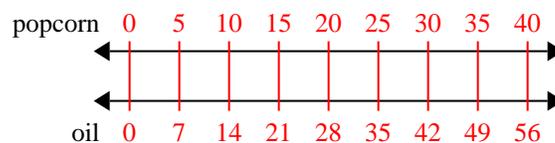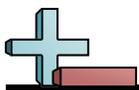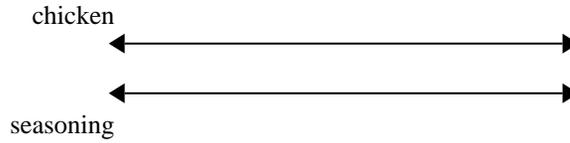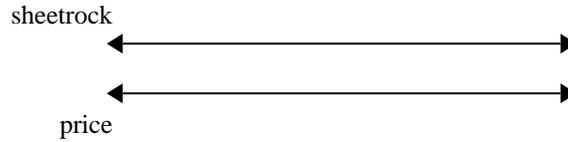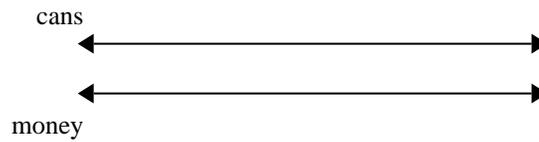
chicken

seasoning

1. _____

2. _____

2) A builder could get 8 sheets of sheetrock for $9. If he bought 48 sheets, how much money would he have spent?

sheetrock

price

3. _____

4. _____

5. _____

3) For every 3 cans Ned collected for recycling he earned 8 cents. After he collected 18 cans, how much money would he have earned?
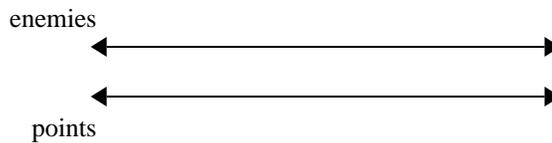
cans

money

6. _____
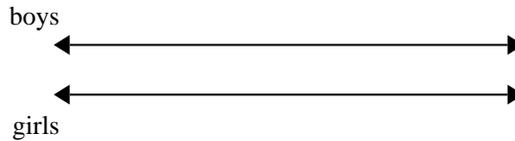
7. _____

4) In a video game for every 7 enemies defeat, you earned 4 points. If you defeated 56 enemies, how many points would you have earned?
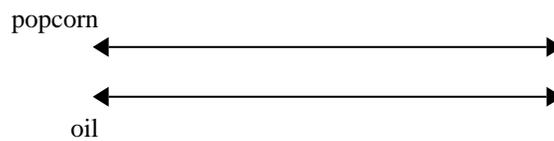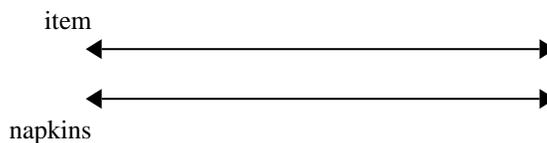
enemies

points

8. _____

5) The ratio of boys to girls at the park was 4 to 3. If there were 16 boys, how many girls were there?
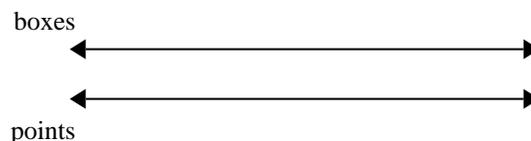
boys

girls

6) A movie theater put 6 cups of oil for every 4 batches of popcorn they made. After they had made 12 batches of popcorn, how much oil would they have used?

popcorn

oil

7) A sloppy joe restaurant gave 10 napkins for every 5 items ordered. If someone bought 35 items, how many napkins should they get?

item

napkins

8) At a school fundraiser for every 10 boxes of chocolate sold you earn 4 points. If you were to sell 90 boxes, how many points would you have earned?

boxes

points

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7

| 1-8 | 88 | 75 | 63 | 50 | 38 | 25 | 13 | 0 |

Name: **Answer Key**

Use the double numberline to solve the problems.

Answers

1) A recipe call for 6 teaspoons of seasoning for every 2 batches of chicken. If you have 14 batches of chicken, how many teaspoons of seasoning will you need?

chicken	0	2	4	6	8	10	12	14
seasoning	0	6	12	18	24	30	36	42

1. **42**

2) A builder could get 8 sheets of sheetrock for $9. If he bought 48 sheets, how much money would he have spent?

sheetrock	0	8	16	24	32	40	48
price	0	9	18	27	36	45	54

2. **54**

3. **48**

3) For every 3 cans Ned collected for recycling he earned 8 cents. After he collected 18 cans, how much money would he have earned?

cans	0	3	6	9	12	15	18
money	0	8	16	24	32	40	48

4. **32**

5. **12**

6. **18**

4) In a video game for every 7 enemies defeat, you earned 4 points. If you defeated 56 enemies, how many points would you have earned?

enemies	0	7	14	21	28	35	42	49	56
points	0	4	8	12	16	20	24	28	32

7. **70**

8. **36**

5) The ratio of boys to girls at the park was 4 to 3. If there were 16 boys, how many girls were there?

boys	0	4	8	12	16
girls	0	3	6	9	12

6) A movie theater put 6 cups of oil for every 4 batches of popcorn they made. After they had made 12 batches of popcorn, how much oil would they have used?
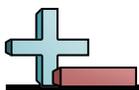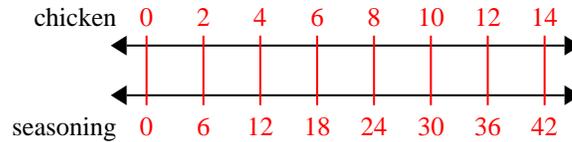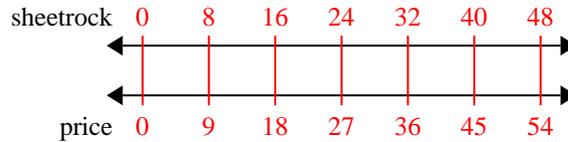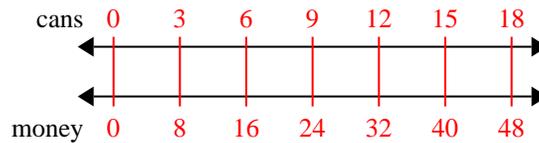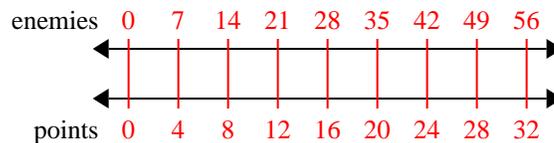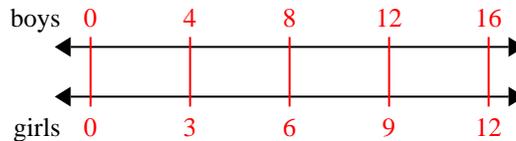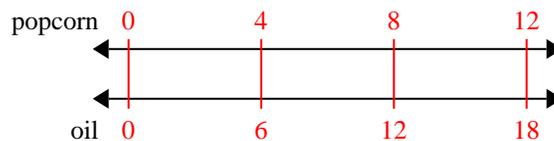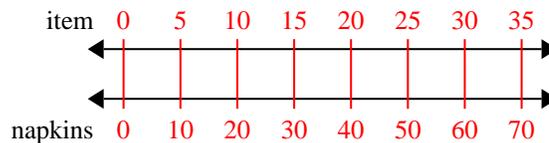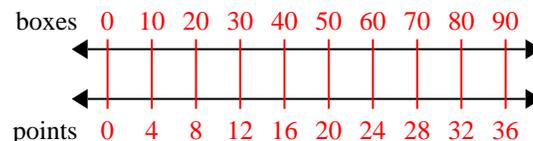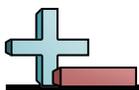
popcorn	0	4	8	12
oil	0	6	12	18

7) A sloppy joe restaurant gave 10 napkins for every 5 items ordered. If someone bought 35 items, how many napkins should they get?

item	0	5	10	15	20	25	30	35
napkins	0	10	20	30	40	50	60	70

8) At a school fundraiser for every 10 boxes of chocolate sold you earn 4 points. If you were to sell 90 boxes, how many points would you have earned?
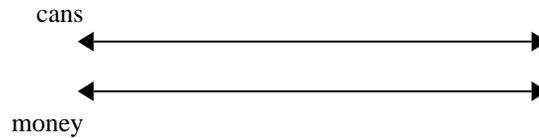
boxes	0	10	20	30	40	50	60	70	80	90
points	0	4	8	12	16	20	24	28	32	36

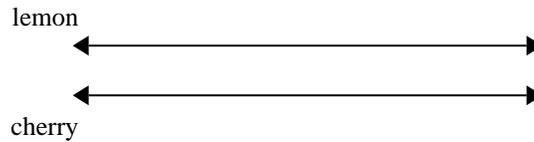| 1-8	88	75	63	50	38	25	13	0

Name:

Use the double numberline to solve the problems.

1) For every 6 cans Tom collected for recycling he earned 9 cents. After he collected 42 cans, how much money would he have earned?
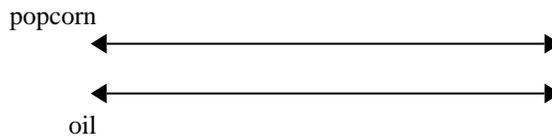
cans

money

1. _____

2. _____

2) A box of candy had 4 cherry pieces for every 5 lemon pieces. If the box had 40 lemon pieces, how many cherry pieces would there be?
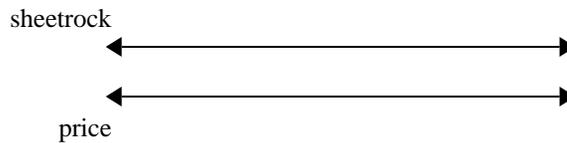
lemon

cherry

3. _____

4. _____

5. _____

3) A movie theater put 5 cups of oil for every 4 batches of popcorn they made. After they had made 40 batches of popcorn, how much oil would they have used?
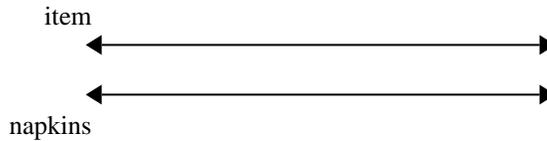
popcorn

oil

6. _____

7. _____

4) A builder could get 10 sheets of sheetrock for $8. If he bought 50 sheets, how much money would he have spent?

sheetrock

price

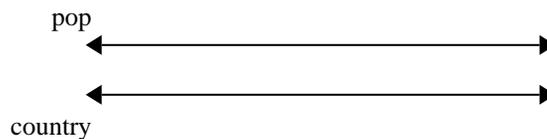8. _____

5) A sloppy joe restaurant gave 9 napkins for every 10 items ordered. If someone bought 60 items, how many napkins should they get?

item

napkins
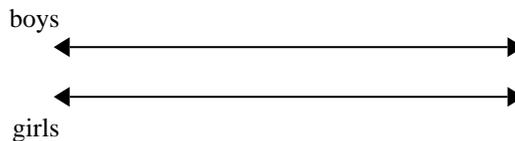
6) On her MP3 player for every 6 pop song Tiffany had she also had 4 country song. If she has 36 pop songs on her MP3 player, how many country songs does she have?
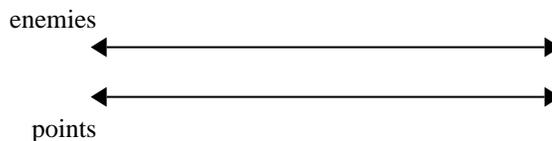
pop

country

7) The ratio of boys to girls at the park was 9 to 2. If there were 45 boys, how many girls were there?

boys

girls
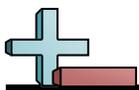
8) In a video game for every 2 enemies defeat, you earned 8 points. If you defeated 12 enemies, how many points would you have earned?

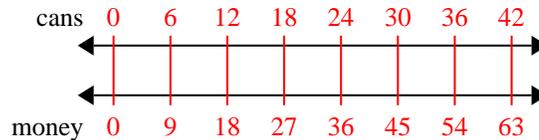enemies

points

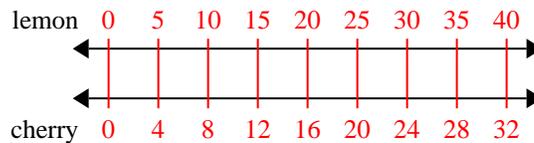| 1-8 | 88 | 75 | 63 | 50 | 38 | 25 | 13 | 0 |

Use the double numberline to solve the problems.
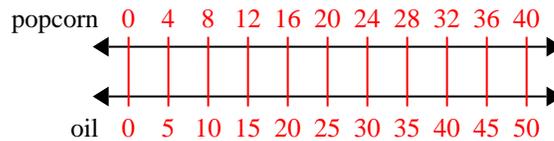
1) For every 6 cans Tom collected for recycling he earned 9 cents. After he collected 42 cans, how much money would he have earned?
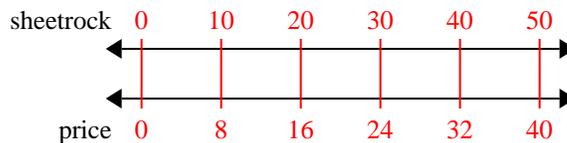
cans   0   6   12   18   24   30   36   42

money   0   9   18   27   36   45   54   63

1. _____ **63**

2. _____ **32**

2) A box of candy had 4 cherry pieces for every 5 lemon pieces. If the box had 40 lemon pieces, how many cherry pieces would there be?

lemon   0   5   10   15   20   25   30   35   40

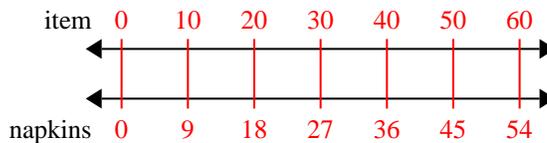cherry   0   4   8   12   16   20   24   28   32

3. _____ **50**

4. _____ **40**

3) A movie theater put 5 cups of oil for every 4 batches of popcorn they made. After they had made 40 batches of popcorn, how much oil would they have used?
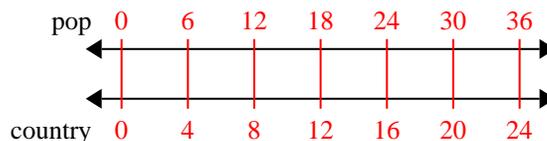
popcorn   0   4   8   12   16   20   24   28   32   36   40

oil   0   5   10   15   20   25   30   35   40   45   50

5. _____ **54**

6. _____ **24**

4) A builder could get 10 sheets of sheetrock for $8. If he bought 50 sheets, how much money would he have spent?

sheetrock   0   10   20   30   40   50
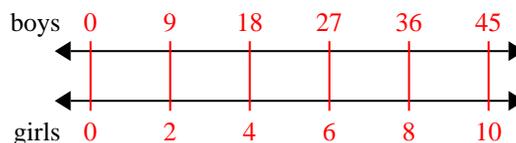
price   0   8   16   24   32   40

7. _____ **10**

8. _____ **48**

5) A sloppy joe restaurant gave 9 napkins for every 10 items ordered. If someone bought 60 items, how many napkins should they get?

item   0   10   20   30   40   50   60
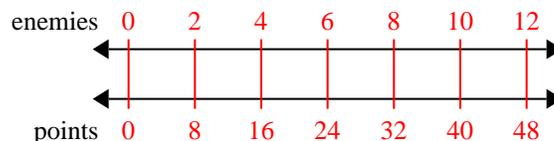
napkins   0   9   18   27   36   45   54

6) On her MP3 player for every 6 pop song Tiffany had she also had 4 country song. If she has 36 pop songs on her MP3 player, how many country songs does she have?
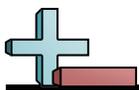
pop   0   6   12   18   24   30   36

country   0   4   8   12   16   20   24

7) The ratio of boys to girls at the park was 9 to 2. If there were 45 boys, how many girls were there?

boys   0   9   18   27   36   45

girls   0   2   4   6   8   10

8) In a video game for every 2 enemies defeat, you earned 8 points. If you defeated 12 enemies, how many points would you have earned?
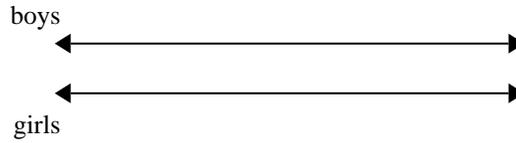
enemies   0   2   4   6   8   10   12

points   0   8   16   24   32   40   48

Name:

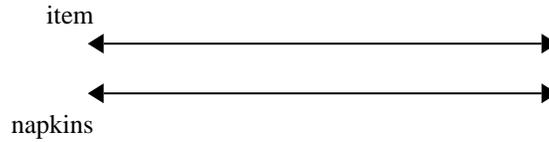**Use the double numberline to solve the problems.**

1) The ratio of boys to girls at the park was 4 to 8. If there were 28 boys, how many girls were there?

boys

girls

1. _____

2. _____

2) A sloppy joe restaurant gave 4 napkins for every 10 items ordered. If someone bought 20 items, how many napkins should they get?
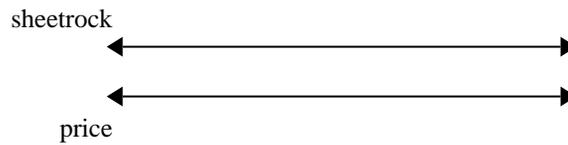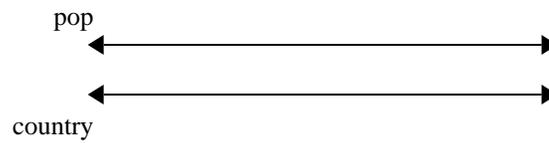
item

napkins

3. _____

4. _____

3) A builder could get 6 sheets of sheetrock for $8. If he bought 30 sheets, how much money would he have spent?
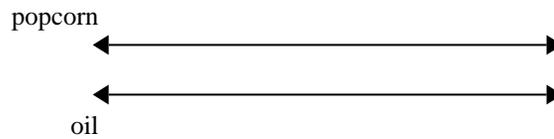
sheetrock

price

5. _____

6. _____

4) On her MP3 player for every 3 pop song Maria had she also had 4 country song. If she has 15 pop songs on her MP3 player, how many country songs does she have?
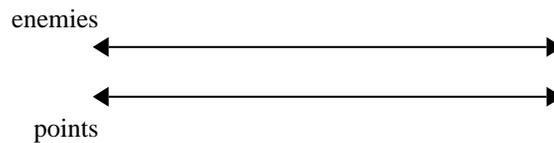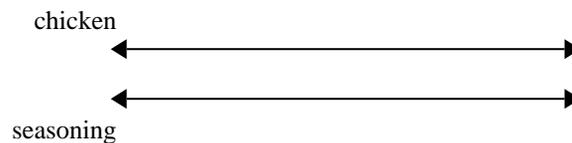
pop

country

7. _____

8. _____

5) A movie theater put 4 cups of oil for every 6 batches of popcorn they made. After they had made 54 batches of popcorn, how much oil would they have used?
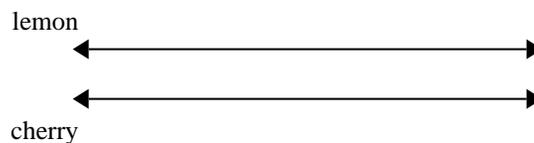
popcorn

oil

6) In a video game for every 4 enemies defeat, you earned 10 points. If you defeated 16 enemies, how many points would you have earned?
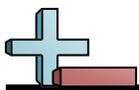
enemies

points

7) A recipe call for 8 teaspoons of seasoning for every 7 batches of chicken. If you have 56 batches of chicken, how many teaspoons of seasoning will you need?

chicken

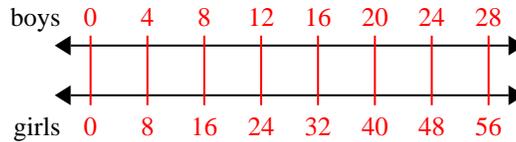seasoning

8) A box of candy had 9 cherry pieces for every 7 lemon pieces. If the box had 56 lemon pieces, how many cherry pieces would there be?
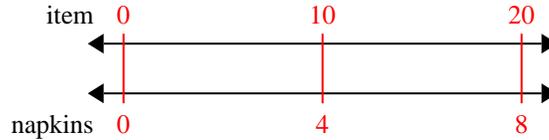
lemon

cherry

1-8	88	75	63	50	38	25	13	0

Name:

Use the double numberline to solve the problems.

Answers

1) The ratio of boys to girls at the park was 4 to 8. If there were 28 boys, how many girls were there?

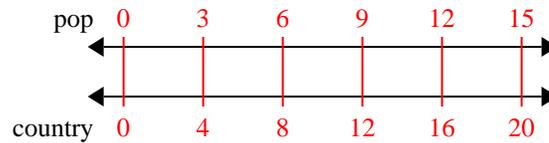boys   0   4   8   12   16   20   24   28

girls   0   8   16   24   32   40   48   56

2) A sloppy joe restaurant gave 4 napkins for every 10 items ordered. If someone bought 20 items, how many napkins should they get?
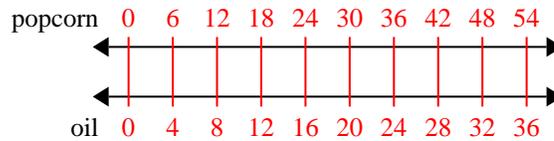
item   0   10   20

napkins   0   4   8

3) A builder could get 6 sheets of sheetrock for $8. If he bought 30 sheets, how much money would he have spent?

sheetrock   0   6   12   18   24   30
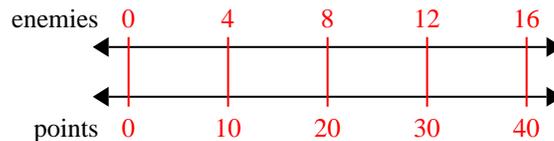
price   0   8   16   24   32   40

4) On her MP3 player for every 3 pop song Maria had she also had 4 country song. If she has 15 pop songs on her MP3 player, how many country songs does she have?
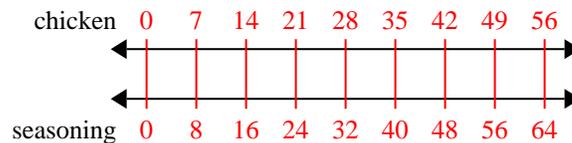
pop   0   3   6   9   12   15

country   0   4   8   12   16   20

5) A movie theater put 4 cups of oil for every 6 batches of popcorn they made. After they had made 54 batches of popcorn, how much oil would they have used?
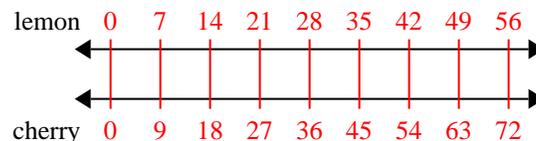
popcorn   0   6   12   18   24   30   36   42   48   54

oil   0   4   8   12   16   20   24   28   32   36

6) In a video game for every 4 enemies defeat, you earned 10 points. If you defeated 16 enemies, how many points would you have earned?

enemies   0   4   8   12   16
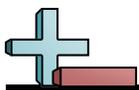
points   0   10   20   30   40

7) A recipe call for 8 teaspoons of seasoning for every 7 batches of chicken. If you have 56 batches of chicken, how many teaspoons of seasoning will you need?

chicken   0   7   14   21   28   35   42   49   56

seasoning   0   8   16   24   32   40   48   56   64

8) A box of candy had 9 cherry pieces for every 7 lemon pieces. If the box had 56 lemon pieces, how many cherry pieces would there be?
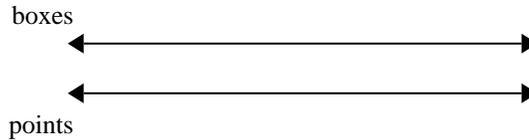
lemon   0   7   14   21   28   35   42   49   56

cherry   0   9   18   27   36   45   54   63   72

Answers	
1.	**56**
2.	**8**
3.	**40**
4.	**20**
5.	**36**
6.	**40**
7.	**64**
8.	**72**

1-8	88	75	63	50	38	25	13	0

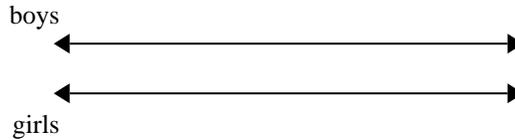Name:

Use the double numberline to solve the problems.

1) At a school fundraiser for every 3 boxes of chocolate sold you earn 7 points. If you were to sell 15 boxes, how many points would you have earned?

boxes

points

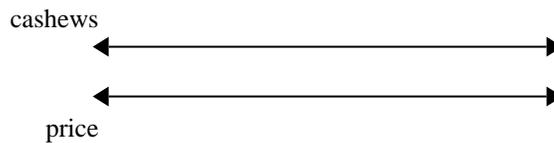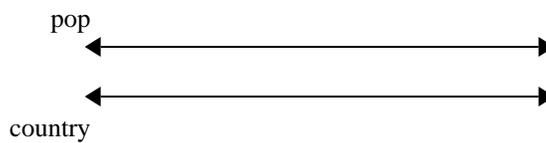2) The ratio of boys to girls at the park was 10 to 6. If there were 100 boys, how many girls were there?

boys

girls

3) A store had a sale where you could get 4 bags of cashews for $8. If you wanted to buy 20 bags, how much would it cost?
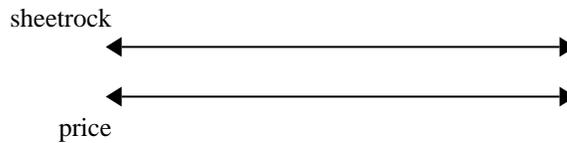
cashews

price

4) On her MP3 player for every 9 pop song Maria had she also had 10 country song. If she has 72 pop songs on her MP3 player, how many country songs does she have?
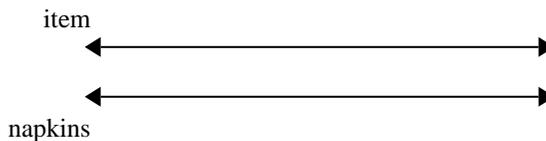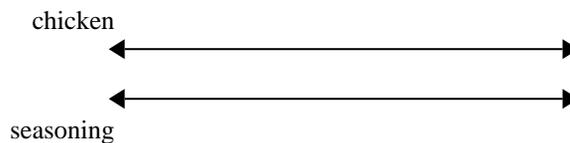
pop

country

5) A builder could get 10 sheets of sheetrock for $2. If he bought 50 sheets, how much money would he have spent?

sheetrock

price
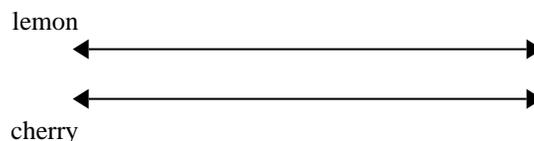
6) A sloppy joe restaurant gave 7 napkins for every 9 items ordered. If someone bought 72 items, how many napkins should they get?
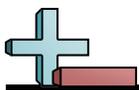
item

napkins

7) A recipe call for 5 teaspoons of seasoning for every 9 batches of chicken. If you have 81 batches of chicken, how many teaspoons of seasoning will you need?

chicken

seasoning

8) A box of candy had 3 cherry pieces for every 5 lemon pieces. If the box had 50 lemon pieces, how many cherry pieces would there be?

lemon

cherry

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

| 1-8 | 88 | 75 | 63 | 50 | 38 | 25 | 13 | 0 |

Name: **Answer Key**

Use the double numberline to solve the problems.

Answers

1) At a school fundraiser for every 3 boxes of chocolate sold you earn 7 points. If you were to sell 15 boxes, how many points would you have earned?

boxes 0 3 6 9 12 15

points 0 7 14 21 28 35

2) The ratio of boys to girls at the park was 10 to 6. If there were 100 boys, how many girls were there?

boys 0 10 20 30 40 50 60 70 80 90 100

girls 0 6 12 18 24 30 36 42 48 54 60

3) A store had a sale where you could get 4 bags of cashews for $8. If you wanted to buy 20 bags, how much would it cost?

cashews 0 4 8 12 16 20

price 0 8 16 24 32 40

4) On her MP3 player for every 9 pop song Maria had she also had 10 country song. If she has 72 pop songs on her MP3 player, how many country songs does she have?

pop 0 9 18 27 36 45 54 63 72

country 0 10 20 30 40 50 60 70 80

5) A builder could get 10 sheets of sheetrock for $2. If he bought 50 sheets, how much money would he have spent?

sheetrock 0 10 20 30 40 50

price 0 2 4 6 8 10

6) A sloppy joe restaurant gave 7 napkins for every 9 items ordered. If someone bought 72 items, how many napkins should they get?

item 0 9 18 27 36 45 54 63 72

napkins 0 7 14 21 28 35 42 49 56

7) A recipe call for 5 teaspoons of seasoning for every 9 batches of chicken. If you have 81 batches of chicken, how many teaspoons of seasoning will you need?
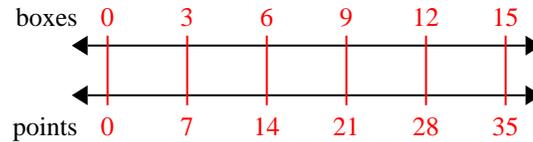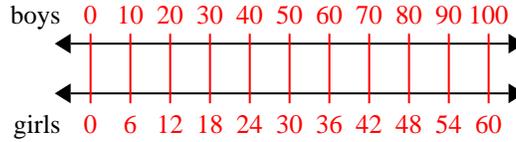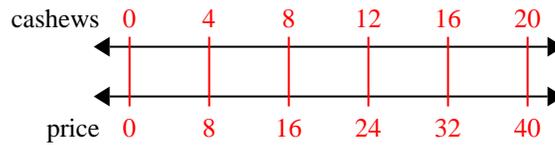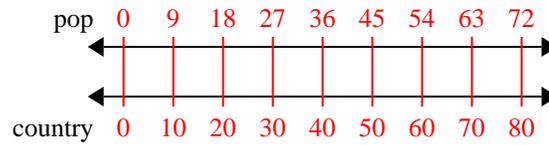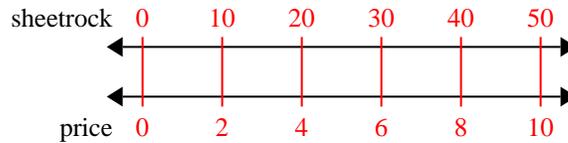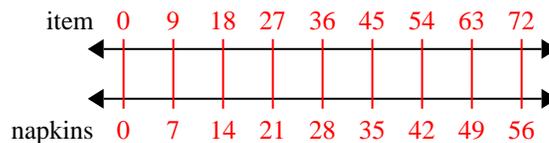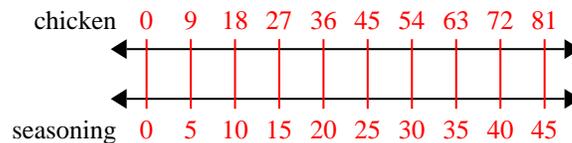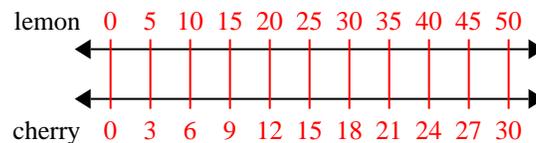
chicken 0 9 18 27 36 45 54 63 72 81

seasoning 0 5 10 15 20 25 30 35 40 45

8) A box of candy had 3 cherry pieces for every 5 lemon pieces. If the box had 50 lemon pieces, how many cherry pieces would there be?

lemon 0 5 10 15 20 25 30 35 40 45 50

cherry 0 3 6 9 12 15 18 21 24 27 30

1. **35**
2. **60**
3. **40**
4. **80**
5. **10**
6. **56**
7. **45**
8. **30**

1-8 | 88 | 75 | 63 | 50 | 38 | 25 | 13 | 0