Use the double numberline to solve the problems.

1)

boys

The ratio of boys to girls at the park was 8 to 7. If there were 56 boys, how many girls were there?

girls

1. _____

2. _____

2)

cashews

A store had a sale where you could get 8 bags of cashews for $7. If you wanted to buy 56 bags, how much would it cost?

price

3. _____

4. _____

5. _____

3)

heetrock

A builder could get 2 sheets of sheetrock for $6. If he bought 18 sheets, how much money would he have spent?

price

6. _____

7. _____

4)

popcorn

A movie theater put 7 cups of oil for every 3 batches of popcorn they made. After they had made 12 batches of popcorn, how much oil would they have used?

oil

8. _____

5)

item

A sloppy joe restaurant gave 5 napkins for every 7 items ordered. If someone bought 70 items, how many napkins should they get?

napkins

6)

lemon

A box of candy had 8 cherry pieces for every 6 lemon pieces. If the box had 60 lemon pieces, how many cherry pieces would there be?

cherry

7)

cans

For every 7 cans Victor collected for recycling he earned 6 cents. After he collected 56 cans, how much money would he have earned?

money

8)

pop

On her MP3 player for every 8 pop song Carol had she also had 3 country song. If she has 80 pop songs on her MP3 player, how many country songs does she have?

country

1-8	88	75	63	50	38	25	13	0

Use the double numberline to solve the problems.

1)

The ratio of boys to girls at the park was 8 to 7. If there were 56 boys, how many girls were there?

boys	0	8	16	24	32	40	48	56

girls	0	7	14	21	28	35	42	49

1. _____ **49**
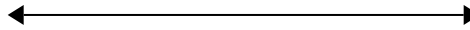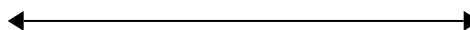
2)

A store had a sale where you could get 8 bags of cashews for $7. If you wanted to buy 56 bags, how much would it cost?

cashews	0	8	16	24	32	40	48	56
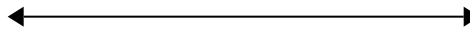
price	0	7	14	21	28	35	42	49

2. _____ **49**

3)

A builder could get 2 sheets of sheetrock for $6. If he bought 18 sheets, how much money would he have spent?

heetrock	0	2	4	6	8	10	12	14	16	18

price	0	6	12	18	24	30	36	42	48	54

3. _____ **54**
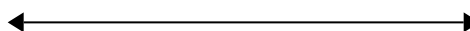
4)

A movie theater put 7 cups of oil for every 3 batches of popcorn they made. After they had made 12 batches of popcorn, how much oil would they have used?

popcorn	0	3	6	9	12

oil	0	7	14	21	28
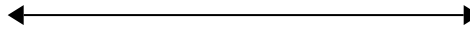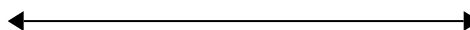
4. _____ **28**

5)

A sloppy joe restaurant gave 5 napkins for every 7 items ordered. If someone bought 70 items, how many napkins should they get?

item	0	7	14	21	28	35	42	49	56	63	70

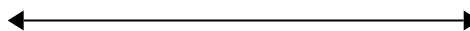| napkins	0	5	10	15	20	25	30	35	40	45	50

5. _____ **50**
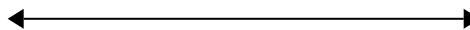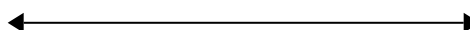
6)

A box of candy had 8 cherry pieces for every 6 lemon pieces. If the box had 60 lemon pieces, how many cherry pieces would there be?

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

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

6. _____ **80**

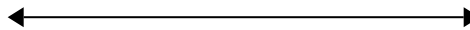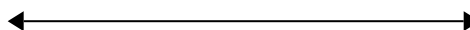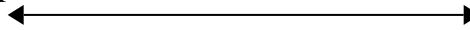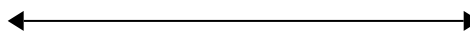**7)**

For every 7 cans Victor collected for recycling he earned 6 cents. After he collected 56 cans, how much money would he have earned?

cans	0	7	14	21	28	35	42	49	56

money	0	6	12	18	24	30	36	42	48

7. _____ **48**

8)

On her MP3 player for every 8 pop song Carol had she also had 3 country song. If she has 80 pop songs on her MP3 player, how many country songs does she have?
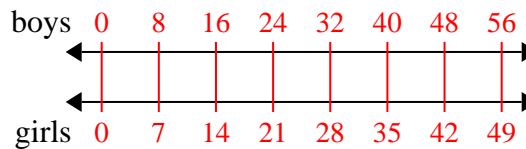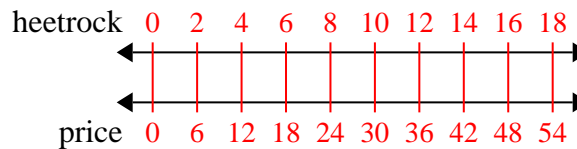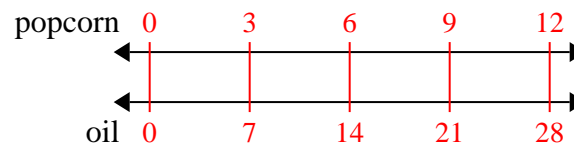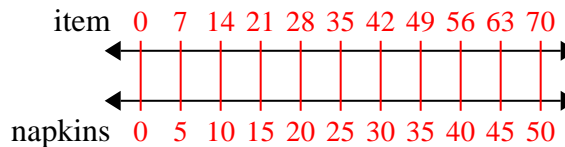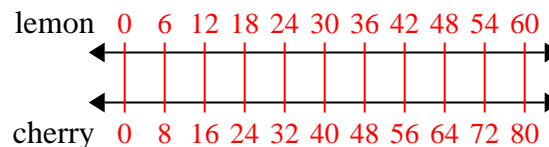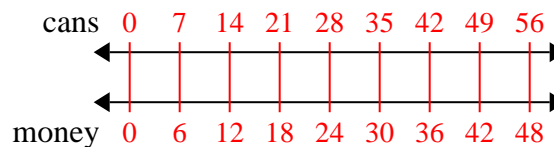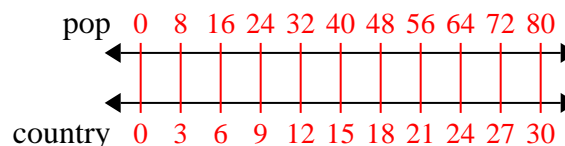
pop	0	8	16	24	32	40	48	56	64	72	80

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

8. _____ **30**