Name:

Solve each problem using a tape diagram.

1) Billy and Maria have 58 books. Maria has 43. How many books does Billy have?

1. _____

2. _____

3. _____

2) At the arcade Paul had won 60 tickets total. He won 29 of them while playing Whack-A-Mole and the rest while playing Stop-The-Light. How many tickets did Paul win playing Stop-The-Light?

4. _____

5. _____

3) Katie had 78 pieces of paper in her folder. She used 43 pieces. How many pieces does she have now?

6. _____

7. _____

4) Amy could send 80 text messages a day. If she sent 35, how many text messages does she have left she can send?

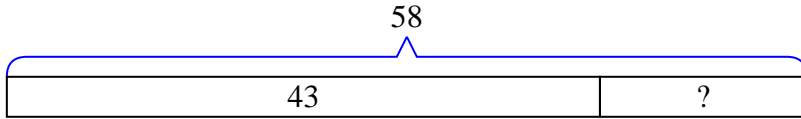**5)** A pet store had 58 gerbils. If they sold 17 of them, how many would they have left?
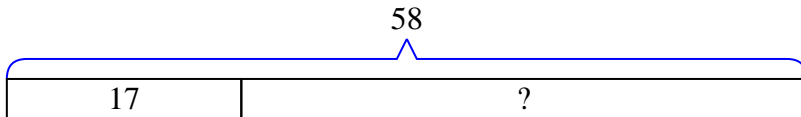
6) Olivia went to the fair with $87 to spend. She spent $48 on rides. How much money does she have left?

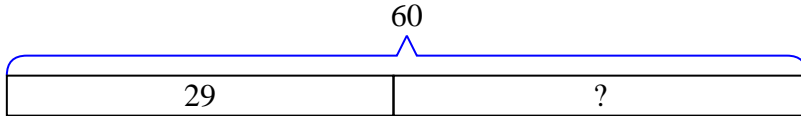**7)** Sam has $62. He decides to spend $25 on new video game. How much money would he have left?

Math

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1

| 1-7 | 86 | 71 | 57 | 43 | 29 | 14 | 0 |

Name:

Solve each problem using a tape diagram.

1) Billy and Maria have 58 books. Maria has 43. How many books does Billy have?

58
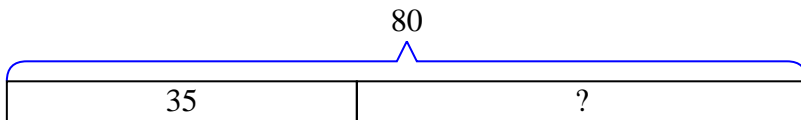
43	?

1. _____ **15**

2) At the arcade Paul had won 60 tickets total. He won 29 of them while playing Whack-A-Mole and the rest while playing Stop-The-Light. How many tickets did Paul win playing Stop-The-Light?

60

29	?

2. _____ **31**

3. _____ **35**

3) Katie had 78 pieces of paper in her folder. She used 43 pieces. How many pieces does she have now?
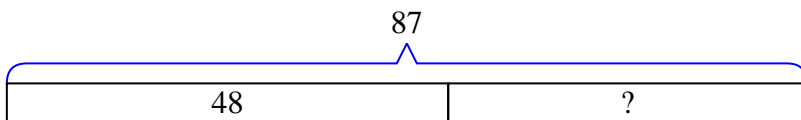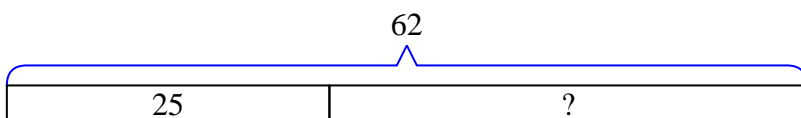
78

43	?

4. _____ **45**

4) Amy could send 80 text messages a day. If she sent 35, how many text messages does she have left she can send?

80

35	?

5. _____ **41**

6. _____ **39**

5) A pet store had 58 gerbils. If they sold 17 of them, how many would they have left?

58

17	?

7. _____ **37**

6) Olivia went to the fair with $87 to spend. She spent $48 on rides. How much money does she have left?

87

48	?

7) Sam has $62. He decides to spend $25 on new video game. How much money would he have left?

62

25	?

Solve each problem using a tape diagram.

1) Billy has $57. He decides to spend $22 on new video game. How much money would he have left?

2) Bianca could send 47 text messages a day. If she sent 13, how many text messages does she have left she can send?

3) A baker made 87 cakes. 39 were chocolate and the rest were vanilla. How many cakes were vanilla?
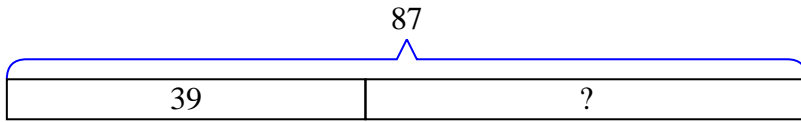
4) For Halloween Roger got 85 pounds of candy. If he gave 44 pounds to Amy, how many pounds would he have left?

5) A museum had 64 paintings. If they got rid of 49 of them, how many pictures would they have left?
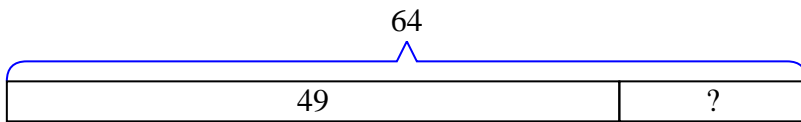
6) Dave and Olivia have 62 books. Olivia has 17. How many books does Dave have?

7) Sam owned 65 video games for his Playstation and Xbox. 46 of the games were for Xbox. How many games does Sam have for playstation?
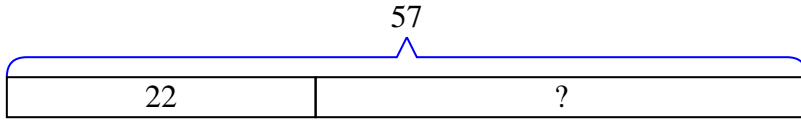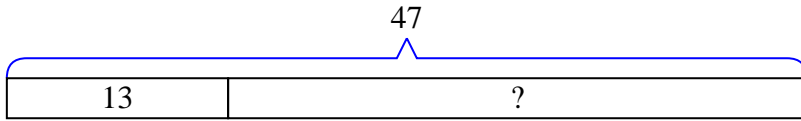
Name: **Answer Key**

Solve each problem using a tape diagram.

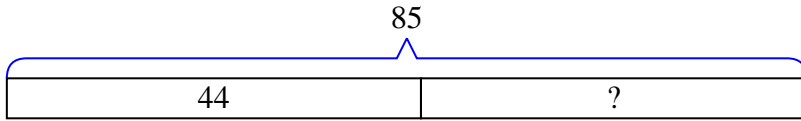**1)** Billy has $57. He decides to spend $22 on new video game. How much money would he have left?

57

22	?

2) Bianca could send 47 text messages a day. If she sent 13, how many text messages does she have left she can send?

47

13	?

**3)** A baker made 87 cakes. 39 were chocolate and the rest were vanilla. How many cakes were vanilla?

87

39	?

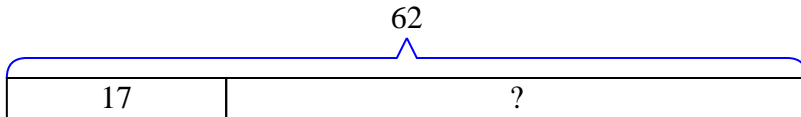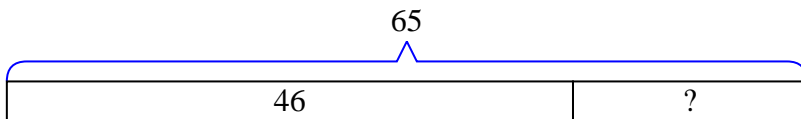**4)** For Halloween Roger got 85 pounds of candy. If he gave 44 pounds to Amy, how many pounds would he have left?

85

44	?

5) A museum had 64 paintings. If they got rid of 49 of them, how many pictures would they have left?

64

49	?

6) Dave and Olivia have 62 books. Olivia has 17. How many books does Dave have?

62

17	?

7) Sam owned 65 video games for his Playstation and Xbox. 46 of the games were for Xbox. How many games does Sam have for playstation?

65

46	?

Solve each problem using a tape diagram.

1) Billy had 66 apps on his phone. He deleted 34 of them. How many apps does Billy have left?

2) A clown had 70 balloons. He gave 27 away at a party. How many balloons would he have left over?
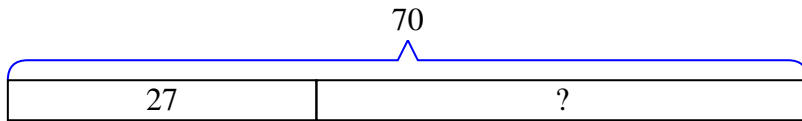
3) Kaleb owned 62 video games for his Playstation and Xbox. 30 of the games were for Xbox. How many games does Kaleb have for playstation?
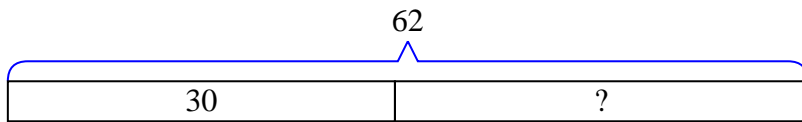
4) A store has 80 shirts. If 31 are long sleeve, how many are short sleeve?
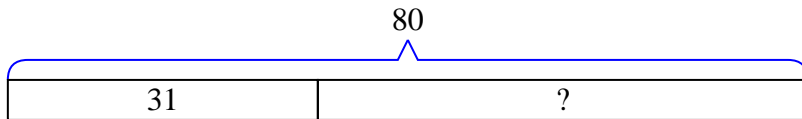
5) A baker made 79 cakes. 46 were chocolate and the rest were vanilla. How many cakes were vanilla?
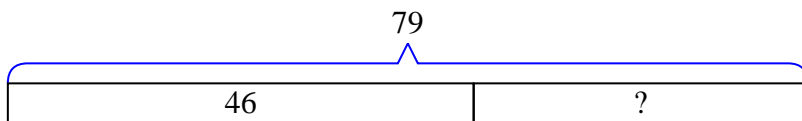
6) A fast food restaurant sold 44 ice cream cones. They used waffle cones on 32 of them and the rest were sugar cones. How many sugar cones did they use?

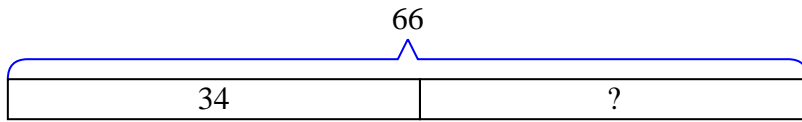7) A chef has 79 cherries. He sets aside 32 of them to make a pie. How many cherries would he still have?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

Name:

Answers

Solve each problem using a tape diagram.

1) Billy had 66 apps on his phone. He deleted 34 of them. How many apps does Billy have left?

66

| 34 | ? |

1. ____**32**____

2) A clown had 70 balloons. He gave 27 away at a party. How many balloons would he have left over?

70

| 27 | ? |

2. ____**43**____

3) Kaleb owned 62 video games for his Playstation and Xbox. 30 of the games were for Xbox. How many games does Kaleb have for playstation?

62

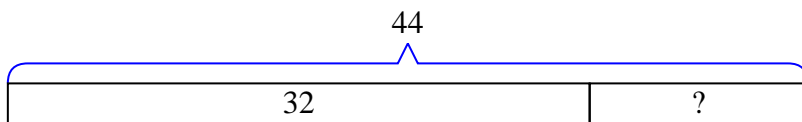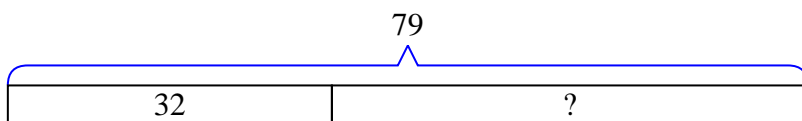| 30 | ? |

3. ____**32**____

4) A store has 80 shirts. If 31 are long sleeve, how many are short sleeve?

80

| 31 | ? |

4. ____**49**____

5) A baker made 79 cakes. 46 were chocolate and the rest were vanilla. How many cakes were vanilla?

79

| 46 | ? |

5. ____**33**____

6) A fast food restaurant sold 44 ice cream cones. They used waffle cones on 32 of them and the rest were sugar cones. How many sugar cones did they use?

44

| 32 | ? |

6. ____**12**____

7) A chef has 79 cherries. He sets aside 32 of them to make a pie. How many cherries would he still have?

79

| 32 | ? |

7. ____**47**____

1-7 | 86 | 71 | 57 | 43 | 29 | 14 | 0

Subtraction With Tape Diagram

Name:

Solve each problem using a tape diagram.

1) A museum had 75 paintings. If they got rid of 48 of them, how many pictures would they have left?
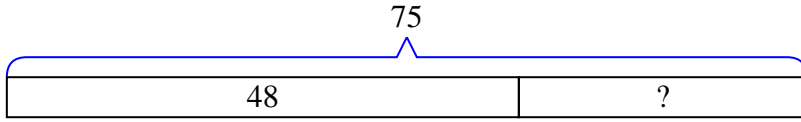
2) Bianca had 81 pieces of candy. 40 pieces are chocolate and the rest are sugary. How many pieces of candy does Bianca have that are sugary?
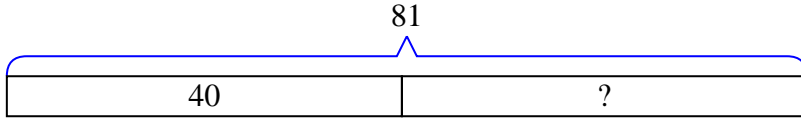
3) For Halloween Kaleb got 70 pounds of candy. If he gave 20 pounds to Katie, how many pounds would he have left?
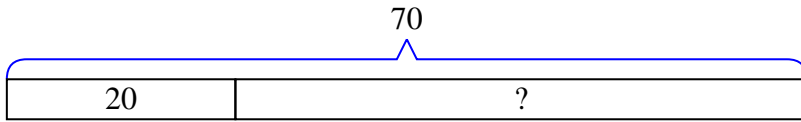
4) A chef has 52 cherries. He sets aside 18 of them to make a pie. How many cherries would he still have?
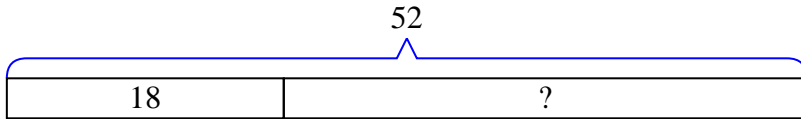
5) A store has 47 shirts. If 24 are long sleeve, how many are short sleeve?
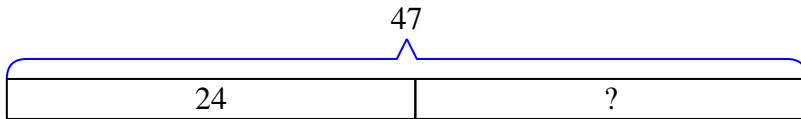
6) At the zoo a cage had 69 snakes. If 22 were hiding, how many snakes were not hiding?

7) Faye could send 62 text messages a day. If she sent 23, how many text messages does she have left she can send?

Name: **Answer Key**

**Solve each problem using a tape diagram.**

Answers

1) A museum had 75 paintings. If they got rid of 48 of them, how many pictures would they have left?

75

| 48 | ? |

2) Bianca had 81 pieces of candy. 40 pieces are chocolate and the rest are sugary. How many pieces of candy does Bianca have that are sugary?

81
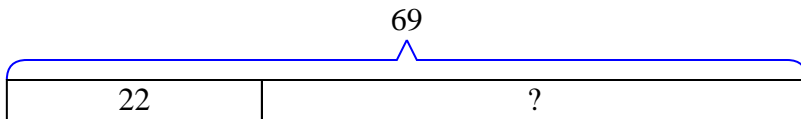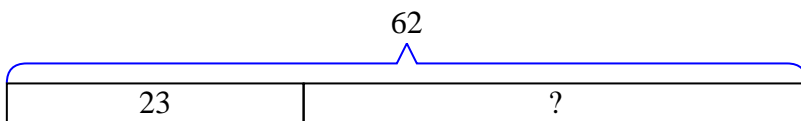
| 40 | ? |

3) For Halloween Kaleb got 70 pounds of candy. If he gave 20 pounds to Katie, how many pounds would he have left?

70

| 20 | ? |

4) A chef has 52 cherries. He sets aside 18 of them to make a pie. How many cherries would he still have?

52

| 18 | ? |

5) A store has 47 shirts. If 24 are long sleeve, how many are short sleeve?

47

| 24 | ? |

6) At the zoo a cage had 69 snakes. If 22 were hiding, how many snakes were not hiding?

69

| 22 | ? |

7) Faye could send 62 text messages a day. If she sent 23, how many text messages does she have left she can send?

62

| 23 | ? |

1. **27**

2. **41**

3. **50**

4. **34**

5. **23**

6. **47**

7. **39**

1-7 | 86 | 71 | 57 | 43 | 29 | 14 | 0

Solve each problem using a tape diagram.

1) Billy has $37. He decides to spend $14 on new video game. How much money would he have left?

2) A farmer had 36 tomatoes in his garden. If he picked 25 of them, how many would he have left in the garden?
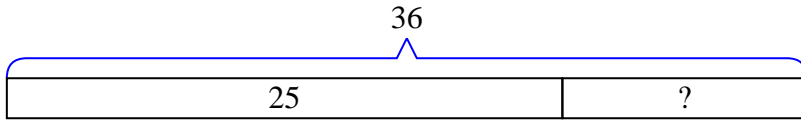
3) Katie had 78 3DS games. If she gave 36 to her friend, how many would she have left?
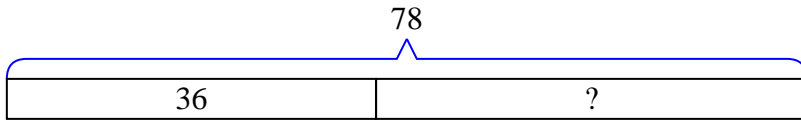
4) A baker made 45 cakes. 23 were chocolate and the rest were vanilla. How many cakes were vanilla?

5) A store has 87 shirts. If 39 are long sleeve, how many are short sleeve?
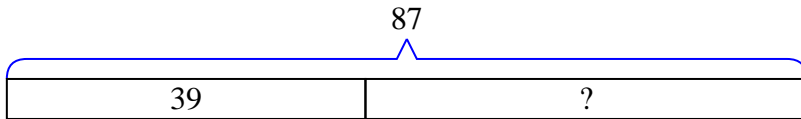
6) While playing a game Dave had 69 lives. He lost 45 lives on a hard level. How many lives does he have left?

7) Faye listened to 46 songs on her mp3 player. 21 of them were pop and the rest were classical. How many classical songs did she listen to?
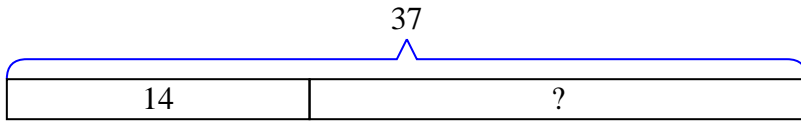
Name:

Solve each problem using a tape diagram.

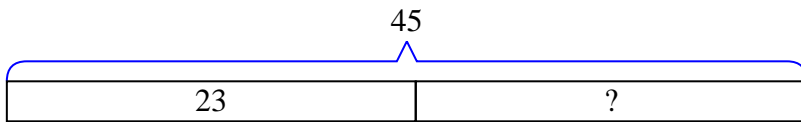**1)** Billy has $37. He decides to spend $14 on new video game. How much money would he have left?

37

14	?

1. ___**23**___

2) A farmer had 36 tomatoes in his garden. If he picked 25 of them, how many would he have left in the garden?

36

25	?

2. ___**11**___

3. ___**42**___

3) Katie had 78 3DS games. If she gave 36 to her friend, how many would she have left?

78

36	?

4. ___**22**___

5. ___**48**___

4) A baker made 45 cakes. 23 were chocolate and the rest were vanilla. How many cakes were vanilla?

45

23	?

6. ___**24**___

5) A store has 87 shirts. If 39 are long sleeve, how many are short sleeve?

87

39	?

7. ___**25**___

6) While playing a game Dave had 69 lives. He lost 45 lives on a hard level. How many lives does he have left?

69

45	?

7) Faye listened to 46 songs on her mp3 player. 21 of them were pop and the rest were classical. How many classical songs did she listen to?

46

21	?

Solve each problem using a tape diagram.

1) A store had 72 sodas on Monday. If they sold 24 of them on Tuesday, how many would they have left on Wednesday?

1. _____

2. _____

3. _____

2) Bianca could send 75 text messages a day. If she sent 35, how many text messages does she have left she can send?

4. _____

5. _____

6. _____

3) A museum had 50 paintings. If they got rid of 15 of them, how many pictures would they have left?

7. _____

4) While playing a game Roger had 45 lives. He lost 23 lives on a hard level. How many lives does he have left?

5) For Halloween Oliver got 56 pounds of candy. If he gave 10 pounds to Emily, how many pounds would he have left?
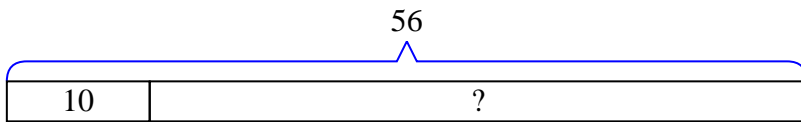
6) Olivia's hair was 53 centimeters long. If she cut off 14 centimeters, how long is her hair now?
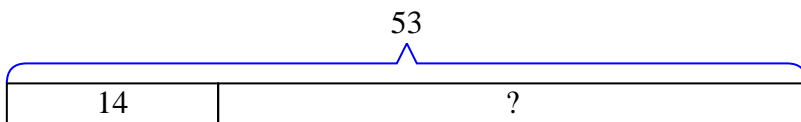
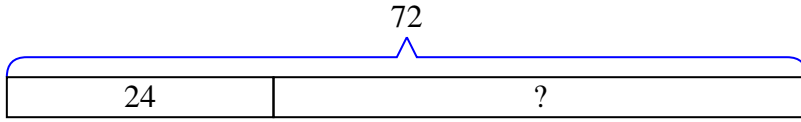7) There were 41 people on the train. At the first stop 25 people got off. How many people are left on the train?
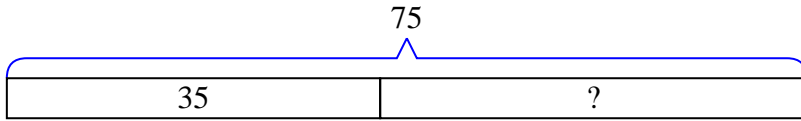
　　　Name:　

Solve each problem using a tape diagram.

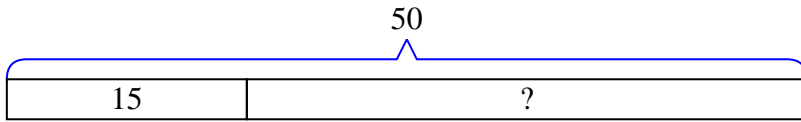**1)** A store had 72 sodas on Monday. If they sold 24 of them on Tuesday, how many would they have left on Wednesday?
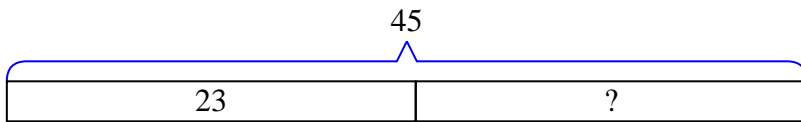
72

24	?

1. _____ **48**

2) Bianca could send 75 text messages a day. If she sent 35, how many text messages does she have left she can send?

75

35	?

2. _____ **40**

3. _____ **35**

3) A museum had 50 paintings. If they got rid of 15 of them, how many pictures would they have left?

50

15	?

4. _____ **22**

4) While playing a game Roger had 45 lives. He lost 23 lives on a hard level. How many lives does he have left?

45

23	?

5. _____ **46**

6. _____ **39**

5) For Halloween Oliver got 56 pounds of candy. If he gave 10 pounds to Emily, how many pounds would he have left?

56

10	?

7. _____ **16**

6) Olivia's hair was 53 centimeters long. If she cut off 14 centimeters, how long is her hair now?

53

14	?

7) There were 41 people on the train. At the first stop 25 people got off. How many people are left on the train?

41

25	?

Subtraction With Tape Diagram

Name:

Solve each problem using a tape diagram.

1) A waiter has 54 customers. If 43 left, how many customers would the waiter still have?

1. _____

2. _____

3. _____

2) A pet store had 86 gerbils. If they sold 47 of them, how many would they have left?

4. _____

5. _____

6. _____

3) At the zoo a cage had 37 snakes. If 22 were hiding, how many snakes were not hiding?

7. _____

4) A store has 60 shirts. If 40 are long sleeve, how many are short sleeve?

5) A farmer had 28 tomatoes in his garden. If he picked 18 of them, how many would he have left in the garden?
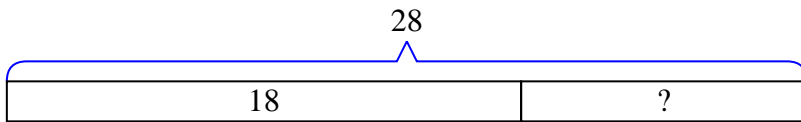
6) A museum had 79 paintings. If they got rid of 36 of them, how many pictures would they have left?

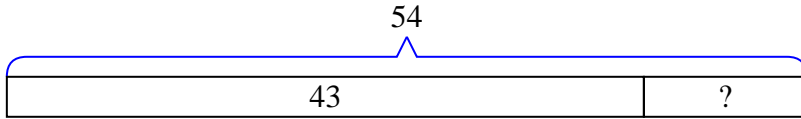7) A chef has 70 cherries. He sets aside 40 of them to make a pie. How many cherries would he still have?
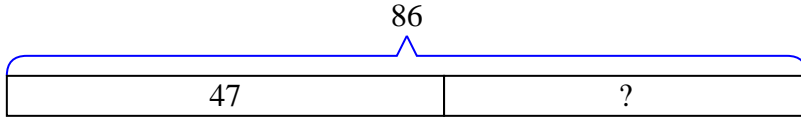
1-7 | 86 | 71 | 57 | 43 | 29 | 14 | 0

Name:

Solve each problem using a tape diagram.

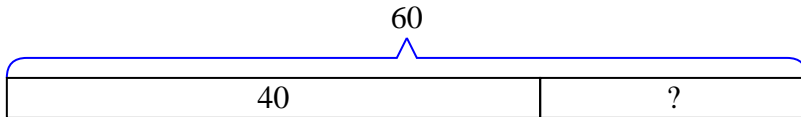1) A waiter has 54 customers. If 43 left, how many customers would the waiter still have?

54

43	?

1. **11**

2) A pet store had 86 gerbils. If they sold 47 of them, how many would they have left?

86

47	?

2. **39**

3. **15**

3) At the zoo a cage had 37 snakes. If 22 were hiding, how many snakes were not hiding?

37

22	?

4. **20**

4) A store has 60 shirts. If 40 are long sleeve, how many are short sleeve?

60

40	?

5. **10**

6. **43**

5) A farmer had 28 tomatoes in his garden. If he picked 18 of them, how many would he have left in the garden?

28

18	?

7. **30**

6) A museum had 79 paintings. If they got rid of 36 of them, how many pictures would they have left?

79

36	?

7) A chef has 70 cherries. He sets aside 40 of them to make a pie. How many cherries would he still have?

70

40	?

Subtraction With Tape Diagram

Name:

Solve each problem using a tape diagram.

1) While playing a game Billy had 40 lives. He lost 26 lives on a hard level. How many lives does he have left?

2) Bianca could send 62 text messages a day. If she sent 49, how many text messages does she have left she can send?

3) At the zoo a cage had 36 snakes. If 12 were hiding, how many snakes were not hiding?
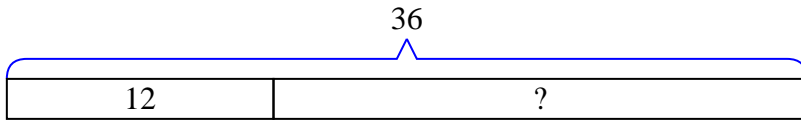
4) Roger had 69 cherries. He ate 39 of them. How many cherries does Roger have left?
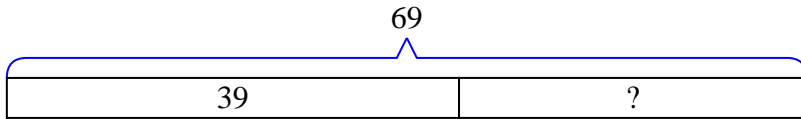
5) Emily had 73 pieces of candy. 31 pieces are chocolate and the rest are sugary. How many pieces of candy does Emily have that are sugary?
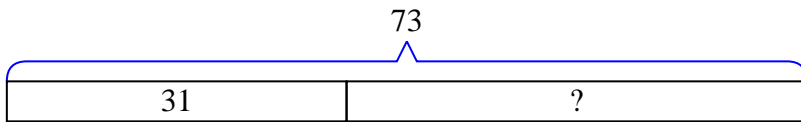
6) Dave owned 38 video games for his Playstation and Xbox. 27 of the games were for Xbox. How many games does Dave have for playstation?

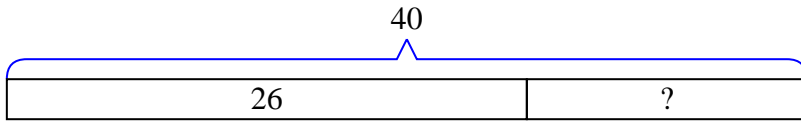7) Faye had 42 3DS games. If she gave 26 to her friend, how many would she have left?
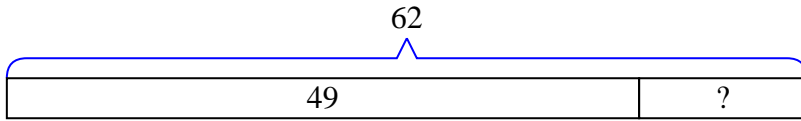
Solve each problem using a tape diagram.

1) While playing a game Billy had 40 lives. He lost 26 lives on a hard level. How many lives does he have left?

40

26	?

2) Bianca could send 62 text messages a day. If she sent 49, how many text messages does she have left she can send?

62

49	?

**3)** At the zoo a cage had 36 snakes. If 12 were hiding, how many snakes were not hiding?

36

12	?

4) Roger had 69 cherries. He ate 39 of them. How many cherries does Roger have left?

69

39	?

5) Emily had 73 pieces of candy. 31 pieces are chocolate and the rest are sugary. How many pieces of candy does Emily have that are sugary?

73

31	?

6) Dave owned 38 video games for his Playstation and Xbox. 27 of the games were for Xbox. How many games does Dave have for playstation?

38

27	?

7) Faye had 42 3DS games. If she gave 26 to her friend, how many would she have left?

42

26	?

Answers

1. **14**

2. **13**

3. **24**

4. **30**

5. **42**

6. **11**

7. **16**

1-7 | 86 | 71 | 57 | 43 | 29 | 14 | 0

Name:

Solve each problem using a tape diagram.

1) Billy had 57 cherries. He ate 17 of them. How many cherries does Billy have left?

1. _____

2. _____

3. _____

2) Bianca had 69 3DS games. If she gave 28 to her friend, how many would she have left?

4. _____

5. _____

6. _____

3) A farmer had 80 tomatoes in his garden. If he picked 49 of them, how many would he have left in the garden?

7. _____

4) A baker made 49 cakes. 37 were chocolate and the rest were vanilla. How many cakes were vanilla?

5) There were 79 people on the train. At the first stop 48 people got off. How many people are left on the train?
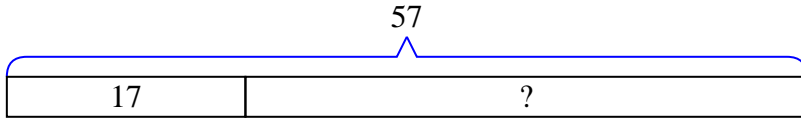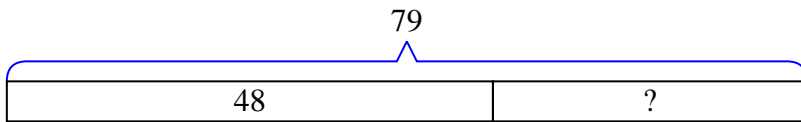
6) A fast food restaurant sold 72 ice cream cones. They used waffle cones on 25 of them and the rest were sugar cones. How many sugar cones did they use?

7) A store has 77 shirts. If 33 are long sleeve, how many are short sleeve?
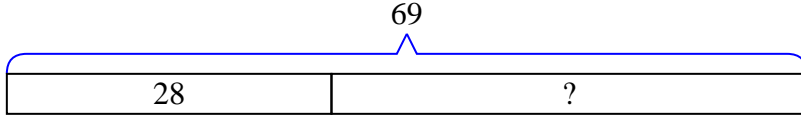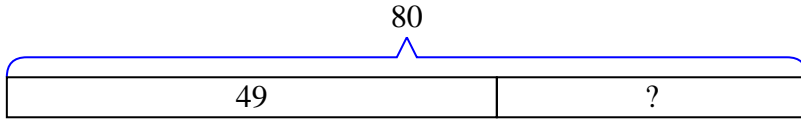
Solve each problem using a tape diagram.

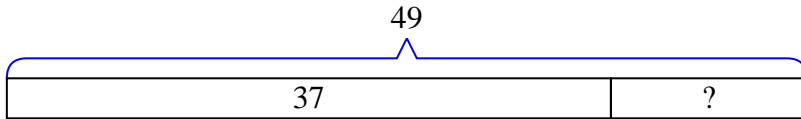1) Billy had 57 cherries. He ate 17 of them. How many cherries does Billy have left?

```
                        57
        ┌──────────────┴──────────────┐
        │      17      │        ?      │
        └──────────────┴──────────────┘
```

1. ___**40**___

2) Bianca had 69 3DS games. If she gave 28 to her friend, how many would she have left?

```
                        69
        ┌──────────────┴──────────────┐
        │      28      │        ?      │
        └──────────────┴──────────────┘
```

2. ___**41**___

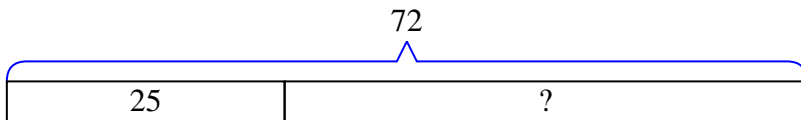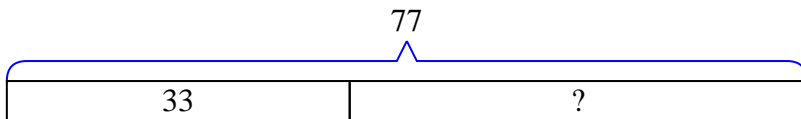3) A farmer had 80 tomatoes in his garden. If he picked 49 of them, how many would he have left in the garden?

```
                        80
        ┌──────────────┴──────────────┐
        │       49      │       ?      │
        └──────────────┴──────────────┘
```

3. ___**31**___

4. ___**12**___

4) A baker made 49 cakes. 37 were chocolate and the rest were vanilla. How many cakes were vanilla?

```
                        49
        ┌──────────────┴──────────────┐
        │         37        │    ?     │
        └──────────────┴──────────────┘
```

5. ___**31**___

5) There were 79 people on the train. At the first stop 48 people got off. How many people are left on the train?

```
                        79
        ┌──────────────┴──────────────┐
        │        48       │      ?     │
        └──────────────┴──────────────┘
```

6. ___**47**___

7. ___**44**___

6) A fast food restaurant sold 72 ice cream cones. They used waffle cones on 25 of them and the rest were sugar cones. How many sugar cones did they use?

```
                        72
        ┌──────────────┴──────────────┐
        │      25      │        ?      │
        └──────────────┴──────────────┘
```

7) A store has 77 shirts. If 33 are long sleeve, how many are short sleeve?

```
                        77
        ┌──────────────┴──────────────┐
        │       33      │       ?      │
        └──────────────┴──────────────┘
```

Name:

Solve each problem using a tape diagram.

1) Maria had 49 3DS games. If she gave 27 to her friend, how many would she have left?

2) A waiter has 45 customers. If 11 left, how many customers would the waiter still have?

3) Kaleb has $70. He decides to spend $36 on new video game. How much money would he have left?

4) A fast food restaurant sold 62 ice cream cones. They used waffle cones on 31 of them and the rest were sugar cones. How many sugar cones did they use?
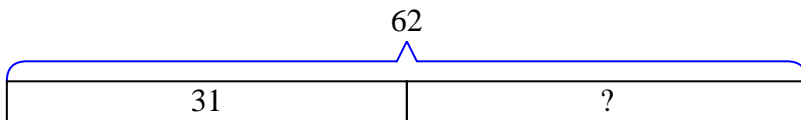
5) A farmer had 76 tomatoes in his garden. If he picked 42 of them, how many would he have left in the garden?
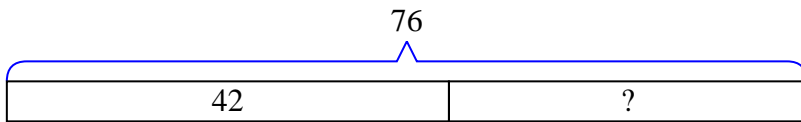
6) Olivia listened to 55 songs on her mp3 player. 15 of them were pop and the rest were classical. How many classical songs did she listen to?
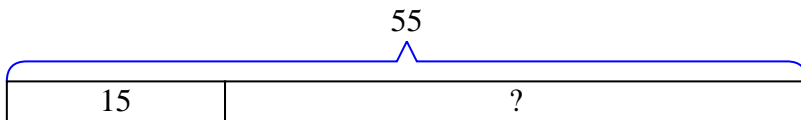
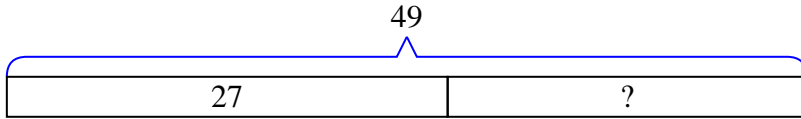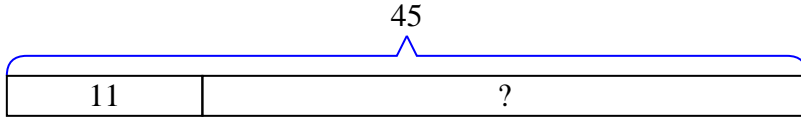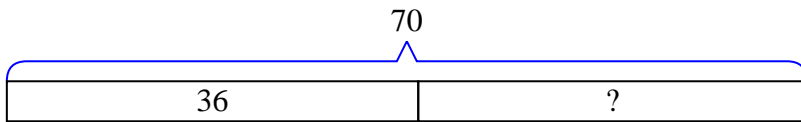7) A museum had 58 paintings. If they got rid of 36 of them, how many pictures would they have left?

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

1-7 | 86 | 71 | 57 | 43 | 29 | 14 | 0

Solve each problem using a tape diagram.

1) Maria had 49 3DS games. If she gave 27 to her friend, how many would she have left?

49

| 27 | ? |

2) A waiter has 45 customers. If 11 left, how many customers would the waiter still have?

45

| 11 | ? |

3) Kaleb has $70. He decides to spend $36 on new video game. How much money would he have left?

70

| 36 | ? |

4) A fast food restaurant sold 62 ice cream cones. They used waffle cones on 31 of them and the rest were sugar cones. How many sugar cones did they use?
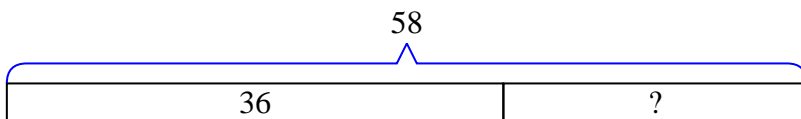
62

| 31 | ? |

5) A farmer had 76 tomatoes in his garden. If he picked 42 of them, how many would he have left in the garden?

76

| 42 | ? |

6) Olivia listened to 55 songs on her mp3 player. 15 of them were pop and the rest were classical. How many classical songs did she listen to?

55

| 15 | ? |

7) A museum had 58 paintings. If they got rid of 36 of them, how many pictures would they have left?

58

| 36 | ? |

1. _____ **22**

2. _____ **34**

3. _____ **34**

4. _____ **31**

5. _____ **34**

6. _____ **40**

7. _____ **22**