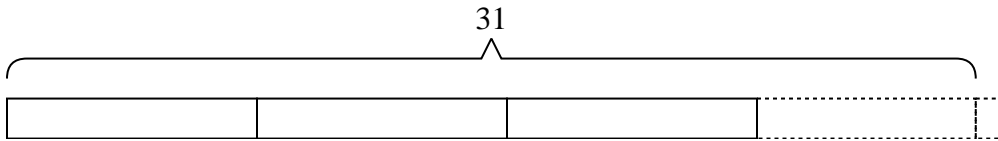# Division With Tape Diagram

Name: _____

Solve each problem.

1) A movie store had {thirty-one} movies they were putting on {eight} shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?
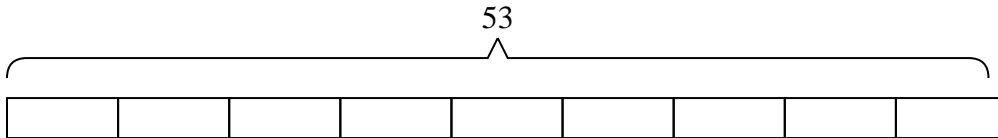
31

1. _____

2. _____

2) There are {fifty-three} students going to a trivia competition. If each school van can hold {six} students, how many vans will they need?

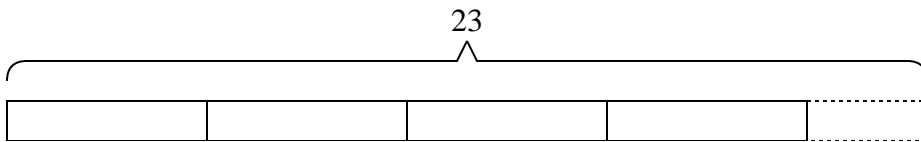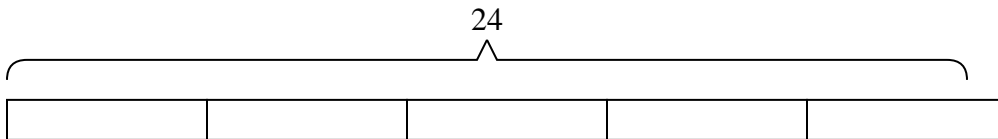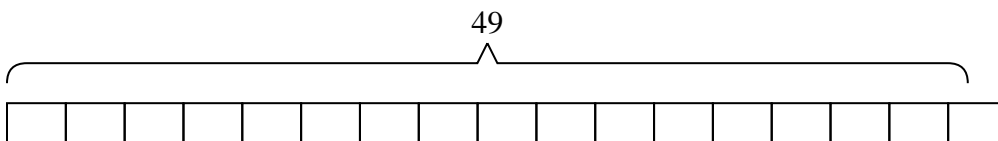53

3. _____

4. _____

3) A baker had {five} boxes for donuts. He ended up making {twenty-three} donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?
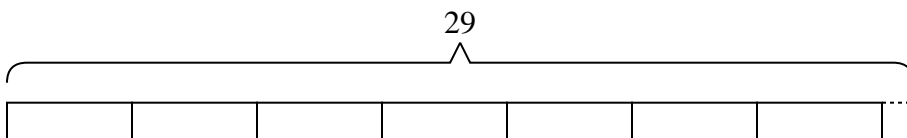
23

5. _____

6. _____

4) A clown needed {twenty-four} balloons for a party he was going to, but the balloons only came in packs of {five}. How many packs of balloons would he need to buy?

24

5) Adam was trying to beat his old score of {forty-nine} points in a video game. If he scores exactly {three} points each round, how many rounds would he need to play to beat his old score?
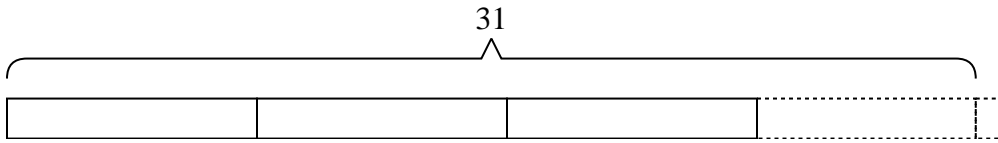
49

6) Olivia had {twenty-nine} songs on her mp3 player. If she wanted to put the songs equally into {four} different playlists, how many songs would she have left over?
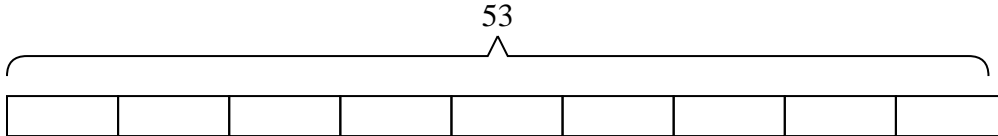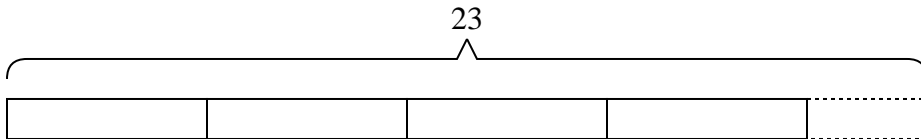
29

Answer Key

Solve each problem.

1) A movie store had {thirty-one} movies they were putting on {eight} shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?
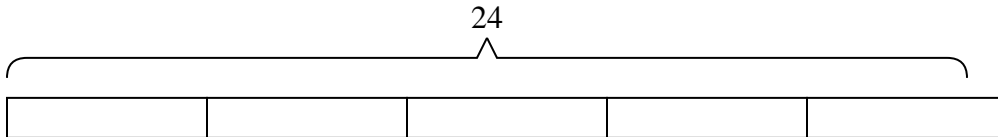
31

1. **1**

2) There are {fifty-three} students going to a trivia competition. If each school van can hold {six} students, how many vans will they need?
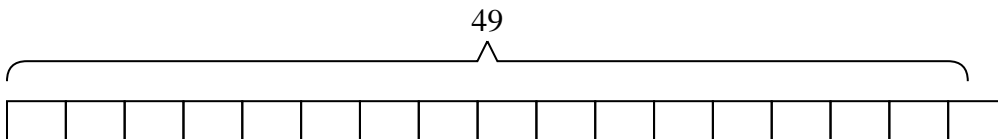
53

2. **9**

3) A baker had {five} boxes for donuts. He ended up making {twenty-three} donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?
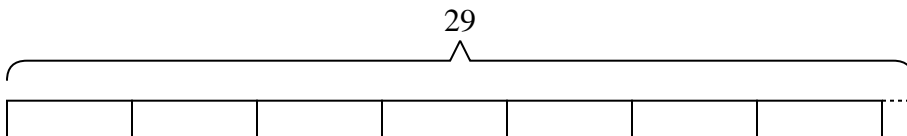
23

3. **3**

4) A clown needed {twenty-four} balloons for a party he was going to, but the balloons only came in packs of {five}. How many packs of balloons would he need to buy?

24

4. **5**

5) Adam was trying to beat his old score of {forty-nine} points in a video game. If he scores exactly {three} points each round, how many rounds would he need to play to beat his old score?

49

5. **17**

6) Olivia had {twenty-nine} songs on her mp3 player. If she wanted to put the songs equally into {four} different playlists, how many songs would she have left over?

29

6. **1**