Name:

Solve each problem.

Answers

1) An airline has six hundred eighty-nine pieces of luggage to put away. If each luggage compartment will hold twenty-eight pieces of luggage, how many will be in the compartment that isn't full?

2) There are eight hundred seventy people attending a luncheon. If a table can hold fourteen people, how many tables do they need?

3) A movie store had five hundred eighty-five movies they were putting on thirty-five shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?

4) A recycling company had three hundred twenty-nine pounds of material to sort. To make it easier they split them into boxes with each full box having thirty-two pounds, how many full boxes did they have?

5) Olivia had two hundred fifty-six songs on her mp3 player. If she wanted to put the songs equally into thirty-four different playlists, how many songs would she have left over?

6) A vase can hold twenty-seven flowers. If a florist had nine hundred ninety-two flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?

7) Mike had five hundred sixty pieces of candy. If he wants to split the candy into thirty-nine bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?

8) There are four hundred fifty-six students going to a trivia competition. If each school van can hold thirty-one students, how many vans will they need?

9) A grocery store needed seven hundred fifty-one cans of peas. If the peas come in boxes with seventeen cans in each box, how many boxes would they need to order?

10) Katie had two hundred thirty photos to put into a photo album. If each page holds fifteen photos, how many full pages will she have?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

1-10	90	80	70	60	50	40	30	20	10	0

Name:

Solve each problem.

1) An airline has six hundred eighty-nine pieces of luggage to put away. If each luggage compartment will hold twenty-eight pieces of luggage, how many will be in the compartment that isn't full?

$689 \div 28 = 24 \text{ r}17$

1. **17**

2) There are eight hundred seventy people attending a luncheon. If a table can hold fourteen people, how many tables do they need?

$870 \div 14 = 62 \text{ r}2$

2. **63**

3. **10**

3) A movie store had five hundred eighty-five movies they were putting on thirty-five shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?

$585 \div 35 = 16 \text{ r}25$

4. **10**

5. **18**

4) A recycling company had three hundred twenty-nine pounds of material to sort. To make it easier they split them into boxes with each full box having thirty-two pounds, how many full boxes did they have?

$329 \div 32 = 10 \text{ r}9$

6. **20**

7. **25**

5) Olivia had two hundred fifty-six songs on her mp3 player. If she wanted to put the songs equally into thirty-four different playlists, how many songs would she have left over?

$256 \div 34 = 7 \text{ r}18$

8. **15**

9. **45**

6) A vase can hold twenty-seven flowers. If a florist had nine hundred ninety-two flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?

$992 \div 27 = 36 \text{ r}20$

10. **15**

7) Mike had five hundred sixty pieces of candy. If he wants to split the candy into thirty-nine bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?

$560 \div 39 = 14 \text{ r}14$

8) There are four hundred fifty-six students going to a trivia competition. If each school van can hold thirty-one students, how many vans will they need?

$456 \div 31 = 14 \text{ r}22$

9) A grocery store needed seven hundred fifty-one cans of peas. If the peas come in boxes with seventeen cans in each box, how many boxes would they need to order?

$751 \div 17 = 44 \text{ r}3$

10) Katie had two hundred thirty photos to put into a photo album. If each page holds fifteen photos, how many full pages will she have?

$230 \div 15 = 15 \text{ r}5$

1-10	90	80	70	60	50	40	30	20	10	0

Math

Solve each problem.

18	45	20	10	17
10	15	25	15	63

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

1) An airline has 689 pieces of luggage to put away. If each luggage compartment will hold 28 pieces of luggage, how many will be in the compartment that isn't full?

2) There are 870 people attending a luncheon. If a table can hold 14 people, how many tables do they need?

3) A movie store had 585 movies they were putting on 35 shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?

4) A recycling company had 329 pounds of material to sort. To make it easier they split them into boxes with each full box having 32 pounds, how many full boxes did they have?

5) Olivia had 256 songs on her mp3 player. If she wanted to put the songs equally into 34 different playlists, how many songs would she have left over?

6) A vase can hold 27 flowers. If a florist had 992 flowers she wanted to put equally into vases, how many flowers would be in the last vase that isn't full?

7) Mike had 560 pieces of candy. If he wants to split the candy into 39 bags with the same amount of candy in each bag, how many more pieces would he need to make sure each bag had the same amount?

8) There are 456 students going to a trivia competition. If each school van can hold 31 students, how many vans will they need?

9) A grocery store needed 751 cans of peas. If the peas come in boxes with 17 cans in each box, how many boxes would they need to order?

10) Katie had 230 photos to put into a photo album. If each page holds 15 photos, how many full pages will she have?