



Use division to solve each problem.

Answers

- 1) An airline has seventeen pieces of luggage to put away. If each luggage compartment will hold three pieces of luggage, how many will be in the compartment that isn't full?
- 2) Bianca wanted to drink exactly four bottles of water each day, so she bought thirty-five bottles when they were on sale. How many more bottles will she need to buy on the last day?
- 3) A vat of orange juice was sixteen pints. If you wanted to pour the vat into three glasses with the same amount in each glass, how many pints would be in each glass?
- 4) A coat factory had thirty-three coats. If they wanted to put them into eight boxes, with the same number of coats in each box, how many extra coats would they have left over?
- 5) Roger's dad bought seven meters of string. If he wanted to cut the string into pieces with each piece being three meters long, how many full sized pieces could he make?
- 6) Henry had fifty-one pieces of candy. If he wants to split the candy into eight 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?
- 7) There are twenty-one students going to a trivia competition. If each school van can hold five students, how many vans will they need?
- 8) Each house a carpenter builds needs four sinks. If he bought twenty-seven sinks, how many houses would that cover?
- 9) Jerry was trying to beat his old score of ten points in a video game. If he scores exactly four points each round, how many rounds would he need to play to beat his old score?
- 10) Edward has to sell eleven chocolate bars to win a trip. If each box contains two chocolate bars, how many boxes will he need to sell to win the trip?

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		<u>Answers</u>
1) An airline has seventeen pieces of luggage to put away. If each luggage compartment will hold three pieces of luggage, how many will be in the compartment that isn't full?	$17 \div 3 = 5 \text{ r}2$	1. <u>2</u>
2) Bianca wanted to drink exactly four bottles of water each day, so she bought thirty-five bottles when they were on sale. How many more bottles will she need to buy on the last day?	$35 \div 4 = 8 \text{ r}3$	2. <u>1</u> 3. <u>5</u>
3) A vat of orange juice was sixteen pints. If you wanted to pour the vat into three glasses with the same amount in each glass, how many pints would be in each glass?	$16 \div 3 = 5 \text{ r}1$	4. <u>1</u> 5. <u>2</u> 6. <u>5</u>
4) A coat factory had thirty-three coats. If they wanted to put them into eight boxes, with the same number of coats in each box, how many extra coats would they have left over?	$33 \div 8 = 4 \text{ r}1$	7. <u>5</u> 8. <u>6</u>
5) Roger's dad bought seven meters of string. If he wanted to cut the string into pieces with each piece being three meters long, how many full sized pieces could he make?	$7 \div 3 = 2 \text{ r}1$	9. <u>3</u> 10. <u>6</u>
6) Henry had fifty-one pieces of candy. If he wants to split the candy into eight 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?	$51 \div 8 = 6 \text{ r}3$	
7) There are twenty-one students going to a trivia competition. If each school van can hold five students, how many vans will they need?	$21 \div 5 = 4 \text{ r}1$	
8) Each house a carpenter builds needs four sinks. If he bought twenty-seven sinks, how many houses would that cover?	$27 \div 4 = 6 \text{ r}3$	
9) Jerry was trying to beat his old score of ten points in a video game. If he scores exactly four points each round, how many rounds would he need to play to beat his old score?	$10 \div 4 = 2 \text{ r}2$	
10) Edward has to sell eleven chocolate bars to win a trip. If each box contains two chocolate bars, how many boxes will he need to sell to win the trip?	$11 \div 2 = 5 \text{ r}1$	



Use division to solve each problem.

1	1	3	5	5
5	6	2	6	2

Answers

- 1) An airline has 17 pieces of luggage to put away. If each luggage compartment will hold 3 pieces of luggage, how many will be in the compartment that isn't full?
- 2) Bianca wanted to drink exactly 4 bottles of water each day, so she bought 35 bottles when they were on sale. How many more bottles will she need to buy on the last day?
- 3) A vat of orange juice was 16 pints. If you wanted to pour the vat into 3 glasses with the same amount in each glass, how many pints would be in each glass?
- 4) A coat factory had 33 coats. If they wanted to put them into 8 boxes, with the same number of coats in each box, how many extra coats would they have left over?
- 5) Roger's dad bought 7 meters of string. If he wanted to cut the string into pieces with each piece being 3 meters long, how many full sized pieces could he make?
- 6) Henry had 51 pieces of candy. If he wants to split the candy into 8 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?
- 7) There are 21 students going to a trivia competition. If each school van can hold 5 students, how many vans will they need?
- 8) Each house a carpenter builds needs 4 sinks. If he bought 27 sinks, how many houses would that cover?
- 9) Jerry was trying to beat his old score of 10 points in a video game. If he scores exactly 4 points each round, how many rounds would he need to play to beat his old score?
- 10) Edward has to sell 11 chocolate bars to win a trip. If each box contains 2 chocolate bars, how many boxes will he need to sell to win the trip?

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