



Use the completed division problem to determine the answer to the question.

Answers

- 1) A movie theater needed 71 popcorn buckets. If each package has 5 buckets in it, how many packages will they need to buy? $71 \div 5 = 14 \text{ r}1$
- 2) Evan has to sell 91 chocolate bars to win a trip. If each box contains 9 chocolate bars, how many boxes will he need to win the trip? $91 \div 9 = 10 \text{ r}1$
- 3) An art museum had 82 pictures to split equally into 8 different exhibits. How many more pictures would they need to make sure each exhibit had the same amount? $82 \div 8 = 10 \text{ r}2$
- 4) The roller coaster at the state fair costs 2 tickets per ride. If you had 55 tickets, how many tickets would you have left if you rode it as many times as you could? $55 \div 2 = 27 \text{ r}1$
- 5) There are 81 students going to a trivia competition. If each school van can hold 5 students, how many vans will they need? $81 \div 5 = 16 \text{ r}1$
- 6) A bottle of orange juice was 77 milliliters. If you wanted to pour the bottle into 5 glasses with the same amount in each glass, how many milliliters would be in each glass? $77 \div 5 = 15 \text{ r}2$
- 7) A coat factory had 82 coats to ship out. 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? $82 \div 8 = 10 \text{ r}2$
- 8) Zoe had 94 pennies. If she put them into stacks with 8 in each stack, how many more pennies would she need so all the stacks would be equal? $94 \div 8 = 11 \text{ r}6$
- 9) Evan's dad bought 82 centimeters of string. If he wanted to cut the string into pieces with each piece being 8 centimeters long, how many full pieces could he make? $82 \div 8 = 10 \text{ r}2$
- 10) An airline has 42 pieces of luggage to put away. If each luggage compartment will hold 4 pieces of luggage, how many will be in the compartment that isn't full? $42 \div 4 = 10 \text{ r}2$
- 11) A cafeteria was putting milk cartons into stacks. They had 66 cartons and were putting them into stacks with 4 cartons in each sack. How many full stacks could they make? $66 \div 4 = 16 \text{ r}2$
- 12) Paul had 52 pieces of candy. If he wants to split the candy into 5 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? $52 \div 5 = 10 \text{ r}2$

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			<u>Answers</u>
1)	A movie theater needed 71 popcorn buckets. If each package has 5 buckets in it, how many packages will they need to buy?	$71 \div 5 = 14 \text{ r}1$	1. <u>15</u>
2)	Evan has to sell 91 chocolate bars to win a trip. If each box contains 9 chocolate bars, how many boxes will he need to win the trip?	$91 \div 9 = 10 \text{ r}1$	2. <u>11</u>
3)	An art museum had 82 pictures to split equally into 8 different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?	$82 \div 8 = 10 \text{ r}2$	3. <u>6</u>
4)	The roller coaster at the state fair costs 2 tickets per ride. If you had 55 tickets, how many tickets would you have left if you rode it as many times as you could?	$55 \div 2 = 27 \text{ r}1$	4. <u>1</u>
5)	There are 81 students going to a trivia competition. If each school van can hold 5 students, how many vans will they need?	$81 \div 5 = 16 \text{ r}1$	5. <u>17</u>
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9)	Evan's dad bought 82 centimeters of string. If he wanted to cut the string into pieces with each piece being 8 centimeters long, how many full pieces could he make?	$82 \div 8 = 10 \text{ r}2$	9. <u>10</u>
10)	An airline has 42 pieces of luggage to put away. If each luggage compartment will hold 4 pieces of luggage, how many will be in the compartment that isn't full?	$82 \div 8 = 10 \text{ r}2$	10. <u>2</u>
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12)	Paul had 52 pieces of candy. If he wants to split the candy into 5 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?	$66 \div 4 = 16 \text{ r}2$	<u>3</u>