



Solve each problem.

Answers

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

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

- 3) A school had eight hundred ninety-four } students sign up for the trivia teams. If they wanted to have twelve team, with the same number of students on each team, how many more students would need to sign up?

- 4) A restaurant needs to buy nine hundred eighty-two } new plates. If each box has twenty-two plates in it, how many boxes will they need to buy?

- 5) A baker had twenty-three boxes for donuts. He ended up making six hundred seventy-nine } donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

- 6) A box of computer paper has six hundred forty-four } sheets left in it. If each printer in a computer lab needed twenty sheets how many printers would the box fill up?

- 7) A store owner had forty-eight employees and bought three hundred forty-two } uniforms for them. If he wanted to give each employee the same number of uniforms, how many more should he buy so he doesn't have any extra?

- 8) A food company has seven hundred seventy-three } kilograms of food to put into boxes. If each box gets exactly twenty-five kilograms, how many full boxes will they have?

- 9) It takes forty-two grams of plastic to make a ruler. If a company had five hundred seventy-nine } grams of plastic, how many entire rulers could they make?

- 10) John was trying to beat his old score of six hundred ninety-three } points in a video game. If he scores exactly seventeen points each round, how many rounds would he need to play to beat his old score?

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Solve each problem.

		<u>Answers</u>
1) An airline has nine hundred thirty } pieces of luggage to put away. If each luggage compartment will hold forty-six pieces of luggage, how many will be in the compartment that isn't full?	$930 \div 46 = 20 \text{ r}10$	1. <u>10</u>
2) There are six hundred fifty-five } students going to a trivia competition. If each school van can hold forty students, how many vans will they need?	$655 \div 40 = 16 \text{ r}15$	2. <u>17</u> 3. <u>6</u>
3) A school had eight hundred ninety-four } students sign up for the trivia teams. If they wanted to have twelve team, with the same number of students on each team, how many more students would need to sign up?	$894 \div 12 = 74 \text{ r}6$	4. <u>45</u> 5. <u>12</u> 6. <u>32</u>
4) A restaurant needs to buy nine hundred eighty-two } new plates. If each box has twenty-two plates in it, how many boxes will they need to buy?	$982 \div 22 = 44 \text{ r}14$	7. <u>42</u> 8. <u>30</u>
5) A baker had twenty-three boxes for donuts. He ended up making six hundred seventy-nine } donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?	$679 \div 23 = 29 \text{ r}12$	9. <u>13</u> 10. <u>41</u>
6) A box of computer paper has six hundred forty-four } sheets left in it. If each printer in a computer lab needed twenty sheets how many printers would the box fill up?	$644 \div 20 = 32 \text{ r}4$	
7) A store owner had forty-eight employees and bought three hundred forty-two } uniforms for them. If he wanted to give each employee the same number of uniforms, how many more should he buy so he doesn't have any extra?	$342 \div 48 = 7 \text{ r}6$	
8) A food company has seven hundred seventy-three } kilograms of food to put into boxes. If each box gets exactly twenty-five kilograms, how many full boxes will they have?	$773 \div 25 = 30 \text{ r}23$	
9) It takes forty-two grams of plastic to make a ruler. If a company had five hundred seventy-nine } grams of plastic, how many entire rulers could they make?	$579 \div 42 = 13 \text{ r}33$	
10) John was trying to beat his old score of six hundred ninety-three } points in a video game. If he scores exactly seventeen points each round, how many rounds would he need to play to beat his old score?	$693 \div 17 = 40 \text{ r}13$	

**Solve each problem.**

42	10	32	13	41
45	17	6	30	12

Answers

- 1) An airline has 930 pieces of luggage to put away. If each luggage compartment will hold 46 pieces of luggage, how many will be in the compartment that isn't full?
- 2) There are 655 students going to a trivia competition. If each school van can hold 40 students, how many vans will they need?
- 3) A school had 894 students sign up for the trivia teams. If they wanted to have 12 team, with the same number of students on each team, how many more students would need to sign up?
- 4) A restaurant needs to buy 982 new plates. If each box has 22 plates in it, how many boxes will they need to buy?
- 5) A baker had 23 boxes for donuts. He ended up making 679 donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?
- 6) A box of computer paper has 644 sheets left in it. If each printer in a computer lab needed 20 sheets how many printers would the box fill up?
- 7) A store owner had 48 employees and bought 342 uniforms for them. If he wanted to give each employee the same number of uniforms, how many more should he buy so he doesn't have any extra?
- 8) A food company has 773 kilograms of food to put into boxes. If each box gets exactly 25 kilograms, how many full boxes will they have?
- 9) It takes 42 grams of plastic to make a ruler. If a company had 579 grams of plastic, how many entire rulers could they make?
- 10) John was trying to beat his old score of 693 points in a video game. If he scores exactly 17 points each round, how many rounds would he need to play to beat his old score?

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