

**Solve each problem.****Answers**

- 1) There are two hundred sixty-one students going to a trivia competition. If each school van can hold twenty-seven students, how many vans will they need?
- 2) A clown needed five hundred thirty-four balloons for a party he was going to, but the balloons only came in packs of thirty-seven. How many packs of balloons would he need to buy?
- 3) A school had one hundred ninety-six students sign up for the trivia teams. If they wanted to have thirty-nine team, with the same number of students on each team, how many more students would need to sign up?
- 4) A store owner had twenty-four employees and bought seven hundred thirty-six 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?
- 5) A truck can hold eleven boxes. If you needed to move eight hundred sixty-seven boxes across town, how many trips would you need to make?
- 6) Vanessa had two hundred sixty-one songs on her mp3 player. If she wanted to put the songs equally into eighteen different playlists, how many songs would she have left over?
- 7) Dave had three hundred forty-eight pieces of candy. If he wants to split the candy into fifteen 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) A baker had nineteen boxes for donuts. He ended up making three hundred thirteen donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?
- 9) A pizza store had four hundred seven pieces of pepperoni to put on their pizzas. If each pizza got forty-five pieces, how many extra pieces of pepperoni would they have?
- 10) A food company has eight hundred thirty-seven kilograms of food to put into boxes. If each box gets exactly fifteen kilograms, how many full boxes will they have?

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



Solve each problem.

		<u>Answers</u>
1) There are two hundred sixty-one students going to a trivia competition. If each school van can hold twenty-seven students, how many vans will they need?	$261 \div 27 = 9 \text{ r}18$	1. <u>10</u>
2) A clown needed five hundred thirty-four balloons for a party he was going to, but the balloons only came in packs of thirty-seven. How many packs of balloons would he need to buy?	$534 \div 37 = 14 \text{ r}16$	2. <u>15</u> 3. <u>38</u>
3) A school had one hundred ninety-six students sign up for the trivia teams. If they wanted to have thirty-nine team, with the same number of students on each team, how many more students would need to sign up?	$196 \div 39 = 5 \text{ r}1$	4. <u>8</u> 5. <u>79</u>
4) A store owner had twenty-four employees and bought seven hundred thirty-six 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?	$736 \div 24 = 30 \text{ r}16$	6. <u>9</u> 7. <u>12</u>
5) A truck can hold eleven boxes. If you needed to move eight hundred sixty-seven boxes across town, how many trips would you need to make?	$867 \div 11 = 78 \text{ r}9$	8. <u>9</u> 9. <u>2</u>
6) Vanessa had two hundred sixty-one songs on her mp3 player. If she wanted to put the songs equally into eighteen different playlists, how many songs would she have left over?	$261 \div 18 = 14 \text{ r}9$	10. <u>55</u>
7) Dave had three hundred forty-eight pieces of candy. If he wants to split the candy into fifteen 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?	$348 \div 15 = 23 \text{ r}3$	
8) A baker had nineteen boxes for donuts. He ended up making three hundred thirteen donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?	$313 \div 19 = 16 \text{ r}9$	
9) A pizza store had four hundred seven pieces of pepperoni to put on their pizzas. If each pizza got forty-five pieces, how many extra pieces of pepperoni would they have?	$407 \div 45 = 9 \text{ r}2$	
10) A food company has eight hundred thirty-seven kilograms of food to put into boxes. If each box gets exactly fifteen kilograms, how many full boxes will they have?	$837 \div 15 = 55 \text{ r}12$	



Solve each problem.

Answers

10	79	15	8	2
9	9	55	38	12

1) There are 261 students going to a trivia competition. If each school van can hold 27 students, how many vans will they need?

1. _____

2) A clown needed 534 balloons for a party he was going to, but the balloons only came in packs of 37. How many packs of balloons would he need to buy?

2. _____

3) A school had 196 students sign up for the trivia teams. If they wanted to have 39 team, with the same number of students on each team, how many more students would need to sign up?

3. _____

4) A store owner had 24 employees and bought 736 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?

4. _____

5) A truck can hold 11 boxes. If you needed to move 867 boxes across town, how many trips would you need to make?

5. _____

6) Vanessa had 261 songs on her mp3 player. If she wanted to put the songs equally into 18 different playlists, how many songs would she have left over?

6. _____

7) Dave had 348 pieces of candy. If he wants to split the candy into 15 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. _____

8) A baker had 19 boxes for donuts. He ended up making 313 donuts and splitting them evenly between the boxes. How many extra donuts did he end up with?

8. _____

9) A pizza store had 407 pieces of pepperoni to put on their pizzas. If each pizza got 45 pieces, how many extra pieces of pepperoni would they have?

9. _____

10) A food company has 837 kilograms of food to put into boxes. If each box gets exactly 15 kilograms, how many full boxes will they have?

10. _____