

**Use division to solve each problem.****Answers**

- 1) A post office has thirty pieces of junk mail they want to split evenly between eight mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?
- 2) A school had thirty-six students sign up for the trivia teams. If they wanted to have eight team, with the same number of students on each team, how many more students would need to sign up?
- 3) There are eighty people attending a luncheon. If a table can hold nine people, how many tables do they need?
- 4) A cafeteria was putting milk cartons into stacks. They had twenty-three cartons and were putting them into stacks with three cartons in each stack. How many full stacks could they make?
- 5) Carol had seventeen photos to put into a photo album. If each page holds six photos, how many full pages will she have?
- 6) Victor bought forty-five pieces of candy to give to eight of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?
- 7) The roller coaster at the state fair costs seven tickets per ride. If you had seventeen tickets, how many tickets would you have left if you rode it as many times as you could?
- 8) An art museum had twenty-six pictures to split equally into three different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?
- 9) A food company has fifteen kilograms of food to put into boxes. If each box gets exactly two kilograms, how many full boxes will they have?
- 10) A clown needed ten balloons for a party he was going to, but the balloons only came in packs of four. How many packs of balloons would he need to buy?

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			<b>Answers</b>
1) A post office has thirty pieces of junk mail they want to split evenly between eight mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?	$30 \div 8 = 3 \text{ r}6$	1.	<b>6</b>
2) A school had thirty-six students sign up for the trivia teams. If they wanted to have eight team, with the same number of students on each team, how many more students would need to sign up?	$36 \div 8 = 4 \text{ r}4$	2.	<b>4</b>
3) There are eighty people attending a luncheon. If a table can hold nine people, how many tables do they need?	$80 \div 9 = 8 \text{ r}8$	3.	<b>9</b>
4) A cafeteria was putting milk cartons into stacks. They had twenty-three cartons and were putting them into stacks with three cartons in each stack. How many full stacks could they make?	$23 \div 3 = 7 \text{ r}2$	4.	<b>7</b>
5) Carol had seventeen photos to put into a photo album. If each page holds six photos, how many full pages will she have?	$17 \div 6 = 2 \text{ r}5$	5.	<b>2</b>
6) Victor bought forty-five pieces of candy to give to eight of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?	$45 \div 8 = 5 \text{ r}5$	6.	<b>5</b>
7) The roller coaster at the state fair costs seven tickets per ride. If you had seventeen tickets, how many tickets would you have left if you rode it as many times as you could?	$17 \div 7 = 2 \text{ r}3$	7.	<b>3</b>
8) An art museum had twenty-six pictures to split equally into three different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?	$26 \div 3 = 8 \text{ r}2$	8.	<b>1</b>
9) A food company has fifteen kilograms of food to put into boxes. If each box gets exactly two kilograms, how many full boxes will they have?	$15 \div 2 = 7 \text{ r}1$	9.	<b>7</b>
10) A clown needed ten balloons for a party he was going to, but the balloons only came in packs of four. How many packs of balloons would he need to buy?	$10 \div 4 = 2 \text{ r}2$	10.	<b>3</b>

**Use division to solve each problem.****Answers**

2	9	3	3	1
4	7	7	5	6

- 1) A post office has 30 pieces of junk mail they want to split evenly between 8 mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?
- 2) A school had 36 students sign up for the trivia teams. If they wanted to have 8 team, with the same number of students on each team, how many more students would need to sign up?
- 3) There are 80 people attending a luncheon. If a table can hold 9 people, how many tables do they need?
- 4) A cafeteria was putting milk cartons into stacks. They had 23 cartons and were putting them into stacks with 3 cartons in each stack. How many full stacks could they make?
- 5) Carol had 17 photos to put into a photo album. If each page holds 6 photos, how many full pages will she have?
- 6) Victor bought 45 pieces of candy to give to 8 of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?
- 7) The roller coaster at the state fair costs 7 tickets per ride. If you had 17 tickets, how many tickets would you have left if you rode it as many times as you could?
- 8) An art museum had 26 pictures to split equally into 3 different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?
- 9) A food company has 15 kilograms of food to put into boxes. If each box gets exactly 2 kilograms, how many full boxes will they have?
- 10) A clown needed 10 balloons for a party he was going to, but the balloons only came in packs of 4. How many packs of balloons would he need to buy?

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