

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

- 1) It takes four grams of plastic to make a ruler. If a company had fourteen grams of plastic, how many entire rulers could they make?
- 2) A movie theater needed forty-five popcorn buckets. If each package has six buckets in it, how many packages will they need to buy?
- 3) A flash drive could hold two gigs of data. If you needed to store seven gigs, how many flash drive would you need?
- 4) Henry bought twenty-one pieces of candy to give to four of his friends. If he wants to give each friend the same amount, how many pieces would he have left over?
- 5) A machine in a candy company creates fifty-one pieces of candy a minute. If a small box of candy has six pieces in it how many full boxes does the machine make in a minute?
- 6) An art museum had forty-two pictures to split equally into eight different exhibits. How many more pictures would they need to make sure each exhibit had the same amount?
- 7) Rachel wanted to drink exactly five bottles of water each day, so she bought seventeen bottles when they were on sale. How many more bottles will she need to buy on the last day?
- 8) A movie store had fifty-two movies they were putting on six shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need?
- 9) A clown needed nineteen balloons for a party he was going to, but the balloons only came in packs of seven. How many packs of balloons would he need to buy?
- 10) A post office has seventy-eight pieces of junk mail they want to split evenly between nine mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount?

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8. _____
9. _____
10. _____



Use division to solve each problem.

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|--|----------------------------|
| 1) It takes four grams of plastic to make a ruler. If a company had fourteen grams of plastic, how many entire rulers could they make? | $14 \div 4 = 3 \text{ r}2$ |
| 2) A movie theater needed forty-five popcorn buckets. If each package has six buckets in it, how many packages will they need to buy? | $45 \div 6 = 7 \text{ r}3$ |
| 3) A flash drive could hold two gigs of data. If you needed to store seven gigs, how many flash drive would you need? | $7 \div 2 = 3 \text{ r}1$ |
| 4) Henry bought twenty-one pieces of candy to give to four of his friends. If he wants to give each friend the same amount, how many pieces would he have left over? | $21 \div 4 = 5 \text{ r}1$ |
| 5) A machine in a candy company creates fifty-one pieces of candy a minute. If a small box of candy has six pieces in it how many full boxes does the machine make in a minute? | $51 \div 6 = 8 \text{ r}3$ |
| 6) An art museum had forty-two pictures to split equally into eight different exhibits. How many more pictures would they need to make sure each exhibit had the same amount? | $42 \div 8 = 5 \text{ r}2$ |
| 7) Rachel wanted to drink exactly five bottles of water each day, so she bought seventeen bottles when they were on sale. How many more bottles will she need to buy on the last day? | $17 \div 5 = 3 \text{ r}2$ |
| 8) A movie store had fifty-two movies they were putting on six shelves. If the owner wanted to make sure each shelf had the same number of movies how many more movies would he need? | $52 \div 6 = 8 \text{ r}4$ |
| 9) A clown needed nineteen balloons for a party he was going to, but the balloons only came in packs of seven. How many packs of balloons would he need to buy? | $19 \div 7 = 2 \text{ r}5$ |
| 10) A post office has seventy-eight pieces of junk mail they want to split evenly between nine mail trucks. How many extra pieces of junk mail will they have if they give each truck the same amount? | $78 \div 9 = 8 \text{ r}6$ |

Answers

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|-----|----------|
| 1. | <u>3</u> |
| 2. | <u>8</u> |
| 3. | <u>4</u> |
| 4. | <u>1</u> |
| 5. | <u>8</u> |
| 6. | <u>6</u> |
| 7. | <u>3</u> |
| 8. | <u>2</u> |
| 9. | <u>3</u> |
| 10. | <u>6</u> |



Use division to solve each problem.

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3

3

8

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8

4

1

6

6

Answers

1. _____

2. _____

3. _____

4. _____

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9. _____

10. _____

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