

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

- 1) There are twenty-three people attending a luncheon. If a table can hold six people, how many tables do they need?
- 2) A vat of orange juice was thirty-three pints. If you wanted to pour the vat into seven glasses with the same amount in each glass, how many pints would be in each glass?
- 3) The roller coaster at the state fair costs six tickets per ride. If you had twenty-six tickets, how many tickets would you have left if you rode it as many times as you could?
- 4) It takes five apples to make an apple pie. If a chef bought thirty-one apples, the last pie would need how many more apples?
- 5) An airline has sixteen pieces of luggage to put away. If each luggage compartment will hold three pieces of luggage, how many will be in the compartment that isn't full?
- 6) Carol had thirty-four photos to put into a photo album. If each page holds five photos, how many full pages will she have?
- 7) A grocery store needed twenty-one cans of peas. If the peas come in boxes with six cans in each box, how many boxes would they need to order?
- 8) Bianca wanted to drink exactly five bottles of water each day, so she bought forty-nine bottles when they were on sale. How many more bottles will she need to buy on the last day?
- 9) At the carnival, two friends bought seven tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?
- 10) Billy's dad bought thirteen meters of string. If he wanted to cut the string into pieces with each piece being two meters long, how many full sized pieces could he make?

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**Use division to solve each problem.**

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| 1) There are twenty-three people attending a luncheon. If a table can hold six people, how many tables do they need?   | $23 \div 6 = 3 \text{ r}5$ |
| 2) A vat of orange juice was thirty-three pints. If you wanted to pour the vat into seven glasses with the same amount in each glass, how many pints would be in each glass?           | $33 \div 7 = 4 \text{ r}5$ |
| 3) The roller coaster at the state fair costs six tickets per ride. If you had twenty-six tickets, how many tickets would you have left if you rode it as many times as you could?     | $26 \div 6 = 4 \text{ r}2$ |
| 4) It takes five apples to make an apple pie. If a chef bought thirty-one apples, the last pie would need how many more apples?  | $31 \div 5 = 6 \text{ r}1$ |
| 5) An airline has sixteen pieces of luggage to put away. If each luggage compartment will hold three pieces of luggage, how many will be in the compartment that isn't full?           | $16 \div 3 = 5 \text{ r}1$ |
| 6) Carol had thirty-four photos to put into a photo album. If each page holds five photos, how many full pages will she have?  | $34 \div 5 = 6 \text{ r}4$ |
| 7) A grocery store needed twenty-one cans of peas. If the peas come in boxes with six cans in each box, how many boxes would they need to order?                                       | $21 \div 6 = 3 \text{ r}3$ |
| 8) Bianca wanted to drink exactly five bottles of water each day, so she bought forty-nine bottles when they were on sale. How many more bottles will she need to buy on the last day? | $49 \div 5 = 9 \text{ r}4$ |
| 9) At the carnival, two friends bought seven tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?        | $7 \div 2 = 3 \text{ r}1$  |
| 10) Billy's dad bought thirteen meters of string. If he wanted to cut the string into pieces with each piece being two meters long, how many full sized pieces could he make?          | $13 \div 2 = 6 \text{ r}1$ |

**Answers**

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

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

6	6	1	4	4
4	1	2	4	1

- 1) There are 23 people attending a luncheon. If a table can hold 6 people, how many tables do they need?
- 2) A vat of orange juice was 33 pints. If you wanted to pour the vat into 7 glasses with the same amount in each glass, how many pints would be in each glass?
- 3) The roller coaster at the state fair costs 6 tickets per ride. If you had 26 tickets, how many tickets would you have left if you rode it as many times as you could?
- 4) It takes 5 apples to make an apple pie. If a chef bought 31 apples, the last pie would need how many more apples?
- 5) An airline has 16 pieces of luggage to put away. If each luggage compartment will hold 3 pieces of luggage, how many will be in the compartment that isn't full?
- 6) Carol had 34 photos to put into a photo album. If each page holds 5 photos, how many full pages will she have?
- 7) A grocery store needed 21 cans of peas. If the peas come in boxes with 6 cans in each box, how many boxes would they need to order?
- 8) Bianca wanted to drink exactly 5 bottles of water each day, so she bought 49 bottles when they were on sale. How many more bottles will she need to buy on the last day?
- 9) At the carnival, 2 friends bought 7 tickets. If they wanted to split all the tickets so each friend got the same amount, how many more tickets would they need to buy?
- 10) Billy's dad bought 13 meters of string. If he wanted to cut the string into pieces with each piece being 2 meters long, how many full sized pieces could he make?

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