

Name: Class:

Multiplication comparism using number sentences word problems

1. John owns a toy store. Yesterday, he sold 5 teddy bears. He also sold seven times as many cars as he sold teddy bears. How many cars did he sell?

2. Lucy counted different colored crayons. She counted 11 blue crayons. She also counted 2 times as many red crayons as blue crayons. How many red crayons did she count?

3. On Monday, Larry and his sister collected 12 marbles. On Tuesday, they collected 4 times as many marbles as on Monday. How many marbles did they collect on Tuesday?

4. Yesterday, Vanessa used 5 apples to make a bottle of apple cider vinegar. Today, she used twice as many apples as she used yesterrday to make two bottles of apple cider vinegar. How many apples did she use today?

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Multiplication comparison using number sentences word problems

1. John owns a toy store. Yesterday, he sold 5 teddy bears. He also sold seven times as many cars as he sold teddy bears. How many cars did he sell?

Let's first of all start writing down the given information.

John sold 5 teddy bears.

He equally sold 7 times as many cars as he sold teddy bears.

So, to find the number of cars that he sold we have to multiply 7 by 5

$$7 \times 5 = 35$$

Therefore, he sold 35 cars.

2. Lucy counted different colored crayons. She counted 11 blue crayons. She also counted 2 times as many red crayons as blue crayons. How many red crayons did she count?

Let's first of all start writing down the given information.

Number of blue crayons Lucy counted = 11

Number of red crayons Lucy counted = 2 times as many red crayons as blue crayons.

$$2 \times 11 = 22 \text{ red crayons}$$

So, Lucy counted 22 red crayons.

3. On Monday, Larry and his sister collected 12 marbles. On Tuesday, they collected 4 times as many marbles as on Monday. How many marbles did they collect on Tuesday?

Let's first of all start writing down the given information.

Number of marbles collected on Monday = 12

Number of marbles collected on Tuesday = 4 times as many marbles as on Monday.

$$= 4 \times 12 = 48 \text{ marbles.}$$

So, they collected 48 marbles on Tuesday.

4. Yesterday, Vanessa used 5 apples to make a bottle of apple cider vinegar. Today, she used twice as many apples as she used yesterday to make two bottles of apple cider vinegar. How many apples did she use today?

Answer: $2 \times 5 = 10$ apples