

Name: Class:

Compare numbers using multiplication: word problems

1. John bought a blue t-shirt that costs \$ 10. He also bought a white t-shirt that costs 4 times as much as the blue t-shirt. How much did the white t-shirt cost?
2. Yesterday, Peter went to the zoo. Amongst the animals he saw, he estimated the height of the elephant to be 12 feet and that of the giraffe to be 3 times as tall as that of the elephant. What was the height of the Giraffe?
3. Yesterday, Ethel collected 24 seashells. Her brother, Charles collected 2 times as many seashells as Ethel. How many seashells did Charles collect?
4. Mathew works in his father's store. Yesterday, he off loaded 17 boxes of Doritos chips from a delivery van. He also off loaded 4 times as many boxes of Pringles as boxes of Doritos chips. How many boxes of Pringles did he off load?

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Compare numbers using multiplication: word problems

1. John bought a blue t-shirt that costs \$ 10. He also bought a white t-shirt that costs 4 times as much as the blue t-shirt. How much did the white t-shirt cost?

To solve this problem, let's multiply the cost of the blue t-shirt by 4

$$\$ 10 \times 4 = \$ 40$$

So, the white t-shirt costs \$ 40.

2. Yesterday, Peter went to the zoo. Amongst the animals he saw, he estimated the height of the elephant to be 12 feet and that of the giraffe to be 3 times as tall as that of the elephant. What was the height of the Giraffe?

Since the giraffe is 3 times as tall as the Elephant, we have to multiply the height of the elephant by 3 to get the height of the giraffe.

$$12 \text{ feet} \times 3 = 36 \text{ feet}$$

So, the Giraffe is 36 feet tall.

3. Yesterday, Ethel collected 24 seashells. Her brother, Charles collected 2 times as many seashells as Ethel. How many seashells did Charles collect?

To solve this problem, let's multiply the number of seashells Ethel collected by 2 to find the number of seashells Charles collected.

$$24 \text{ seashells} \times 2 = 48 \text{ seashells}$$

So, Charles collected 48 seashells.

4. Mathew works in his father's store. Yesterday, he off loaded 17 boxes of doritos chips from a delivery van. He also off loaded 4 times as many boxes of pringles as boxes of doritos chips. How many boxes of pringles did he off load?

To solve this problem, let's multiply the number of boxes of doritos chips by 4

$$17 \text{ boxes} \times 4 = 68 \text{ boxes}$$

So, Mathew off loaded 68 boxes of pringles.