

Ratio Word Problems

Name: _____ Class: _____

Answer the questions and show your workings.

1. The ratio boys to girls in my class is 3:4. If there are 12 boys, how many girls are there in my class?



2. I have 25 red and white marbles in my pocket. If the ratio red to white is 2:3, how many white marbles do I have?

3. I have 4 dollar coins and 6 euro coins. What is the ratio of the number of dollar coins to that of euro coins?



4. I have 12 spiderman stickers and 20 superman stickers. What is the ratio of spiderman stickers to that of superman stickers?

5. There is 2 liters of water in a bottle and 500 milliliters in a cup. What is the ratio of water in the bottle to that of the cup?



6. A shop sold 300 articles on Monday and 120 on Tuesday. What is the ratio of sold articles on Monday to that on Tuesday?

Answers

Answer the questions and show your workings.

1. The ratio boys to girls in my class is 3:4. If there are 12 boys, how many girls are there in my class?

$$(12 \div 3) \times 4 = 16 \text{ girls}$$



2. I have 25 red and white marbles in my pocket. If the ratio red to white is 2:3, how many white marbles do I have?

$$(25 \div 5) \times 3 = 15 \text{ white marbles}$$

3. I have 4 dollar coins and 6 euro coins. What is the ratio of the number of dollar coins to that of euro coins?

$$2 : 3$$



4. I have 12 spiderman stickers and 20 superman stickers. What is the ratio of spiderman stickers to that of superman stickers?

$$12 : 20 = 3 : 5$$

5. There is 2 liters of water in a bottle and 500 milliliters in a cup. What is the ratio of water in the bottle to that of the cup?

$$2,000 : 500 = 4 : 1$$



6. A shop sold 300 articles on Monday and 120 on Tuesday. What is the ratio of sold articles on Monday to that on Tuesday?

$$300 : 120 = 5 : 2$$