

Ratio and Proportion

Calculating ratio

True or false? The ratio of bananas to apples is 4:3.



True or false? The ratio of snails to butterflies is 2:4.



Match the statements that mean the same thing.

A. 1:2 red counters to blue counters

1. There are twice as many blue counters as red counters.

B. 3:2 red counters to blue counters

2. For every 2 blue counters, there are 3 red counters.

C. 2:3 red counters to blue counters

3. For every 2 red counters, there are 3 blue counters.

Match the statements that mean the same thing.

A. 3:7 pens to pencils

1. There are four times as many pens as pencils.

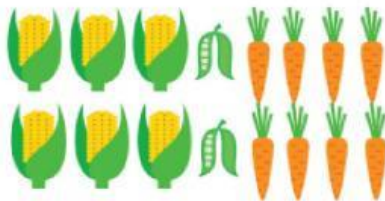
B. 7:3 pens to pencils

2. For every 7 pens, there are 3 pencils.

C. 1:4 pencils to pens

3. For every 3 pens, there are 7 pencils.

Write a statement to describe the ratio of 6:8 shown below.



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Write a statement to describe the ratio of 2:4 shown below.

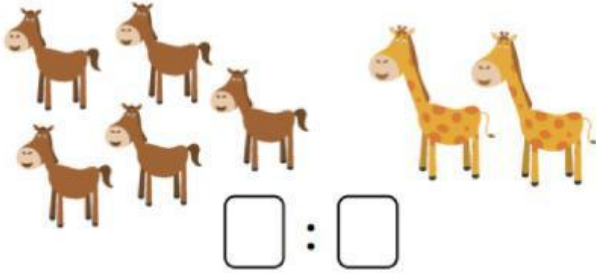


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For every...

For every...

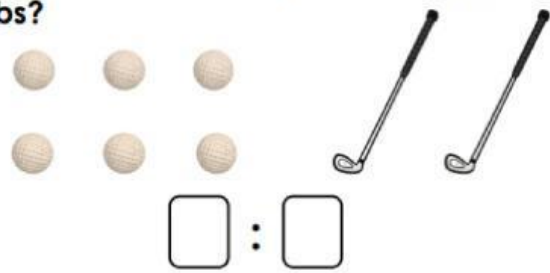
What is the ratio of horses to giraffes?



Use the ratio to calculate how many animals there will be altogether if there are 20 horses.

horses
 giraffes
 animals altogether

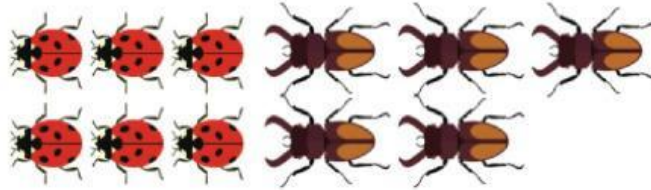
What is the ratio of golf balls to golf clubs?



Use the ratio to calculate how many items there will be altogether if there are 24 golf balls.

golf balls
 golf clubs
 items altogether

Tick the correct statements about the representation below.



- A. For every 5 beetles, there are 6 ladybirds.
B. If there are 15 beetles, there will be 18 ladybirds.
C. If there are 30 ladybirds, there will be 55 insects in total.
D. If there are 44 insects in total, 22 of them will be beetles.

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Oscar is following a recipe to make some homemade soup for a party.

To make 500g of soup, the ratio of carrots to potatoes is 4 : 5.

He wants to make 2kg of soup.

He says, "I will need to buy 15 carrots to make enough soup."

Is he correct? Explain why.