Ratio and Proportion

Calculating ratio

True or false? The ratio of cars to buses is 3:7.

True or false? The ratio of carrots to sweetcorn is 1:5.

Match the cards to the correct image.

A. 1:9 pens to pencils	
B. 4:1 pens to pencils	
C. 3:2 pencils to pens	

Match the cards to the correct image.

A. 4:1 butterflies to snails	
B. 1:4 butterflies to snails	
C. 1:3 snails to butterflies	

Write a statement to describe the ratio of 4:1 shown below.

For every...

Write a statement to describe the ratio of 3:2 shown below.

For every...

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What is the ratio of white stripes to black stripes?

☐ : ☐

Use the ratio to calculate how many stripes there will be altogether if there are 6 white stripes.

6 white stripes

☐ black stripes

☐ stripes altogether

What is the ratio of lions to tigers?

☐ : ☐

Use the ratio to calculate how many animals there will be altogether if there are 30 lions.

30 lions

☐ tigers

☐ animals altogether

Use the image below to complete the ratio statements.

For every ___ oranges, there are ___ pears.

☐ : ☐

If there are 8 oranges, how many pears will there be?

Use the image below to complete the ratio statements.

For every ___ rubbers, there is ___ pencil sharpener.

☐ : ☐

If there are 4 rubbers, how many pencil sharpeners will there be?

Look at the set of objects below and complete the statements.

A. For every _____ squares, there are _____ circles.

B. The ratio of squares to circles is :

C. For every _____ stars, there are _____ triangles.

D. The ratio of stars to triangles is .

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