Ratio and Proportion

Ratio and Fractions

Match the fraction of squares to the correct set of objects.

$\frac{4}{6}$ A. 

$\frac{3}{6}$ B. 

$\frac{2}{5}$ C. 

VF

Match the fraction of pentagons to the correct set of objects.

$\frac{2}{5}$ A. 

$\frac{4}{6}$ B. 

$\frac{1}{4}$ C. 

VF

True or false? If there are 2 oranges for every 4 apples, $\frac{4}{6}$ of the fruit are apples.



VF

True or false? If there are 3 pears for every 2 grapes, $\frac{3}{5}$ of the fruit are grapes.



VF

Complete the sentence below if $\frac{3}{5}$ are pentagons and $\frac{2}{5}$ are circles.

There are ____ pentagons for every ____ circles.



VF

Complete the sentence below if $\frac{4}{6}$ are circles and $\frac{2}{6}$ are squares.

There are ____ circles for every ____ squares.



VF

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Tick the options that do not correctly show the ratio or fraction as a pictorial representation.

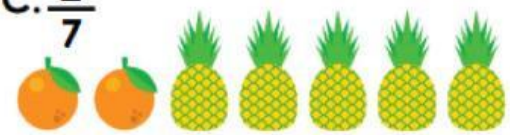
A. 2:3



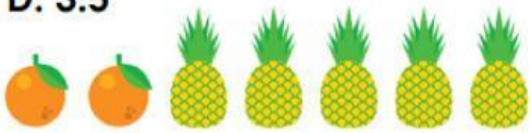
B. $\frac{3}{4}$



C. $\frac{2}{7}$



D. 3:5



Match the fraction of hearts to the correct set of objects.

$\frac{1}{6}$

A.



$\frac{5}{12}$

B.



$\frac{4}{7}$

C.



VF

4. Amy has a bag of oranges and lemons.

$\frac{7}{16}$ of the pieces of fruit are lemons.

Amy says,



There are 16 pieces of fruit in total.

Elias says,



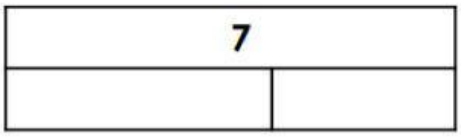
There are seven oranges for every nine lemons.

Who is correct? Explain how you know.

R

Use the statement below to complete the bar model.

There are 4 squares for every 3 circles.



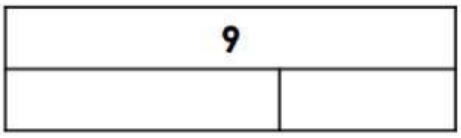
Write a fraction showing each quantity.

■ = $\frac{\square}{7}$ ● = $\frac{\square}{7}$

VF

Use the statement below to complete the bar model.

There are 6 circles for every 3 squares.



Write a fraction showing each quantity.

● = $\frac{\square}{9}$ ■ = $\frac{\square}{9}$

VF

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