

Name: _____

ANSWERS!

Class: _____



Communication



Successful Partnership



Encouragement

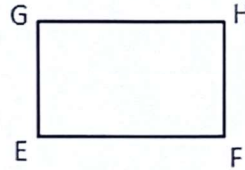
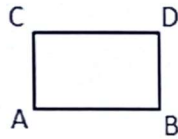


Solving Problem Together



Collaboration

Question 01



The two figures above are similar. Which is correct?

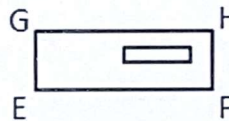
$ABDC \sim EGHF$

or

ORDER MATTERS!

$ABDC \sim EFHG$

Question 02



The two figures above are similar. Which is correct?

$ABDC \sim GHFE$

or

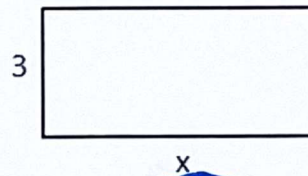
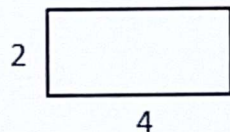
ORDER MATTERS!

$ABDC \sim GEFH$

Question 03

$2 \times SF = 3$

$SF = 1.5$



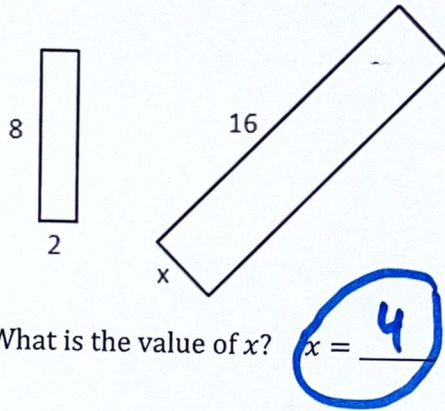
The two figures above are similar. What is the value of x?

$x = 6$

$4 \times 1.5 = 6$

Question 04

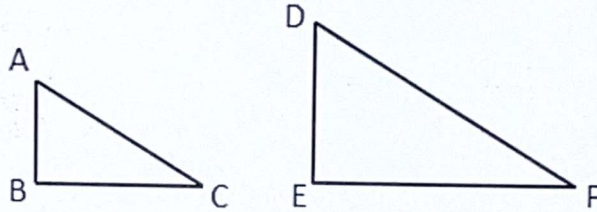
$$8 \times SF = 16$$
$$SF = 2$$
$$2 \times 2 = 4$$



The two figures above are similar. What is the value of x ?

$$x = \underline{4}$$

Question 05



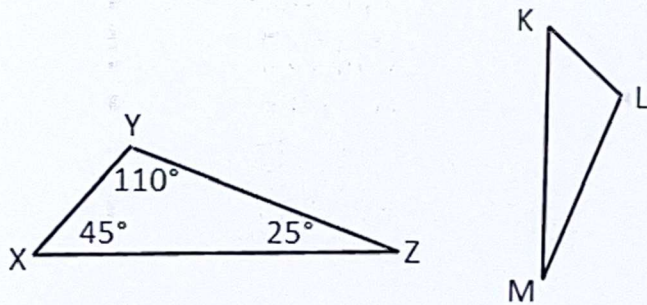
The two figures above are similar. For each angle listed below, write the corresponding congruent angle.

Angle $A \cong$ Angle D

Angle $B \cong$ Angle E

Angle $C \cong$ Angle F

Question 06



order matters!

Triangle $XYZ \sim$ Triangle KLM . Write the measure of each angle listed.

Angle $K = \underline{45}^\circ$

Angle $L = \underline{110}^\circ$

Angle $M = \underline{25}^\circ$