

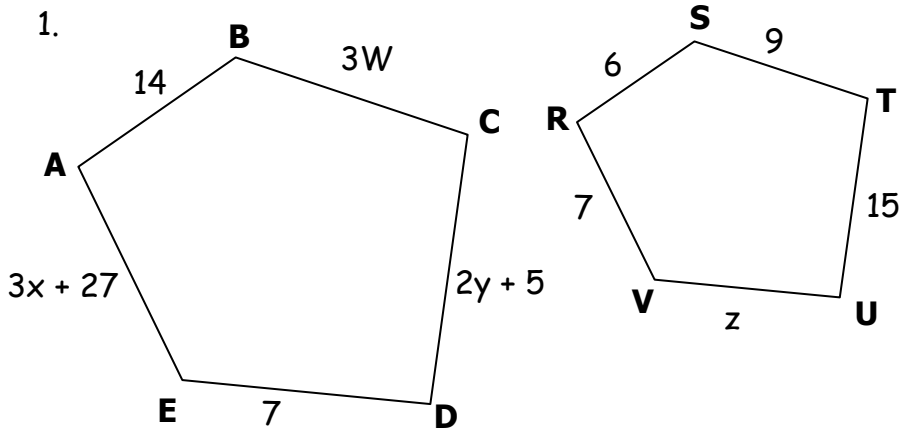
SIMILAR FIGURES

NAME _____ PERIOD _____



SOLVE FOR THE GIVEN VARIABLES. THE POLYGONS ARE SIMILAR.

1.

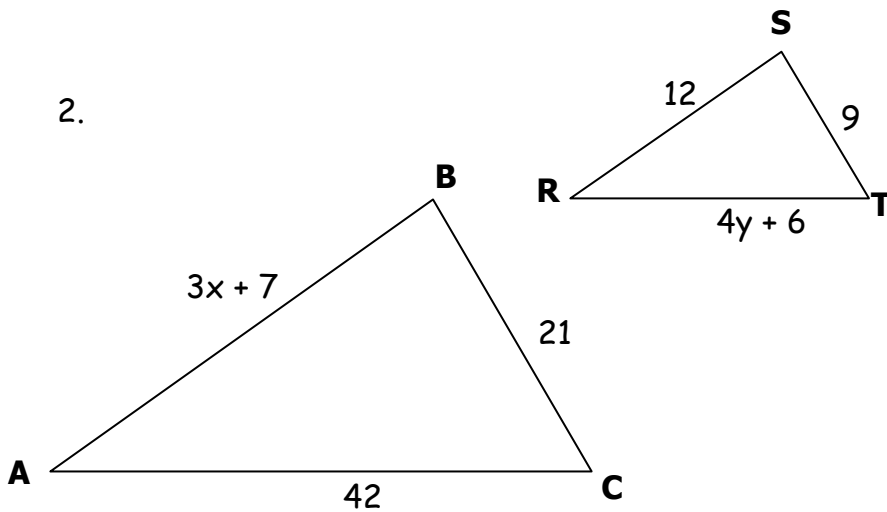


What is the scale factor of ABCDE to RSTUV: _____

w = _____ x = _____

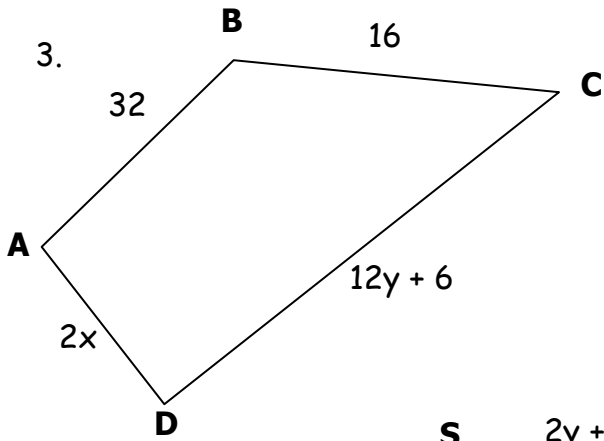
y = _____ z = _____

2.



What is the scale factor of $\triangle RST$ to $\triangle ABC$: _____

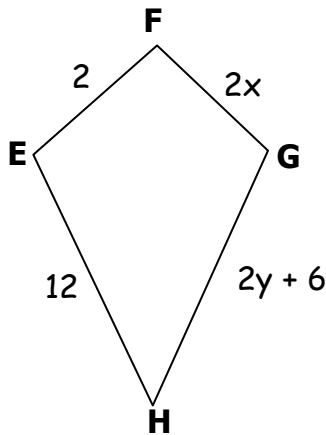
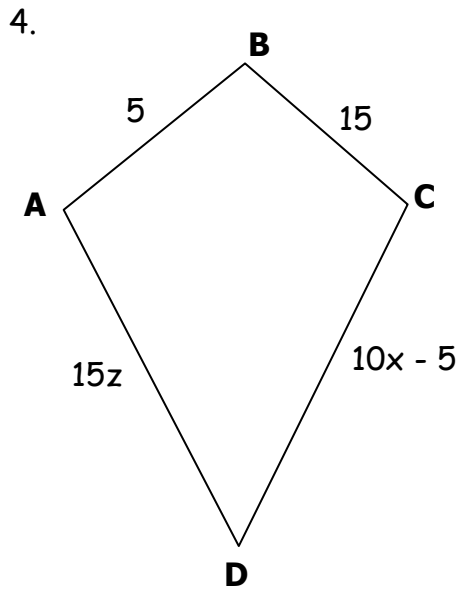
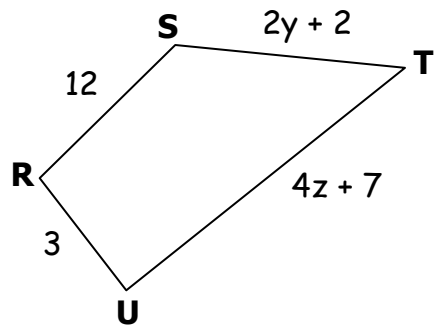
x = _____ y = _____



What is the scale factor of RSTU to ABCD: _____

$x = \underline{\hspace{2cm}}$ $y = \underline{\hspace{2cm}}$

$z = \underline{\hspace{2cm}}$



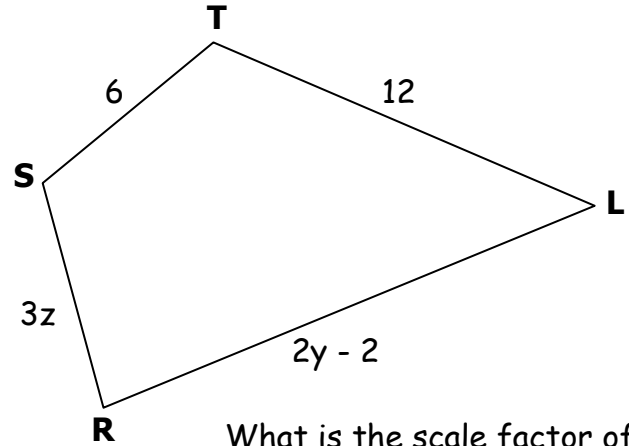
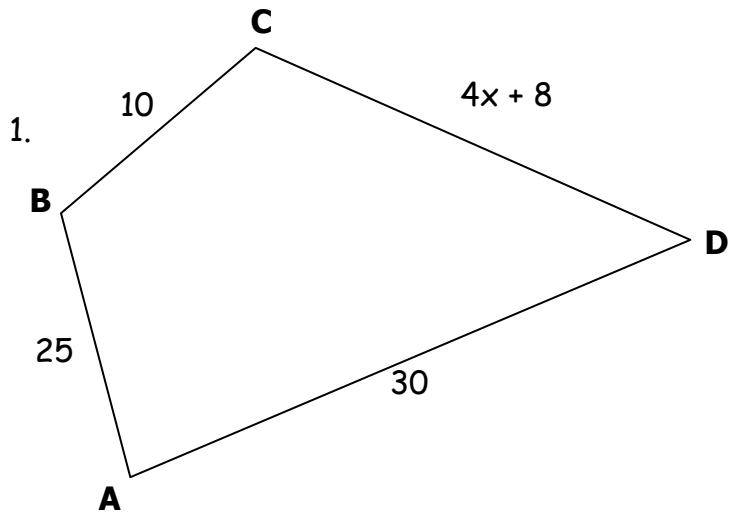
What is the scale factor of ABCD to EFGH: _____

$x = \underline{\hspace{2cm}}$ $y = \underline{\hspace{2cm}}$

$z = \underline{\hspace{2cm}}$

MORE SIMILAR FIGURES

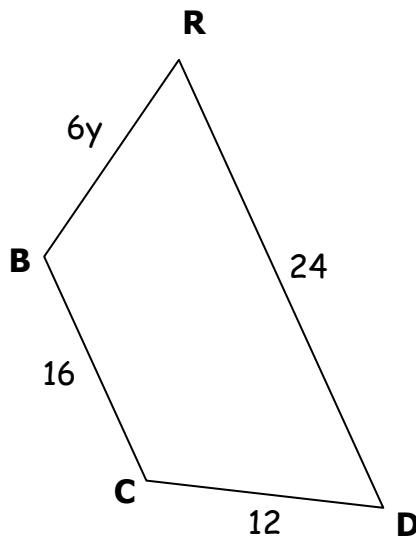
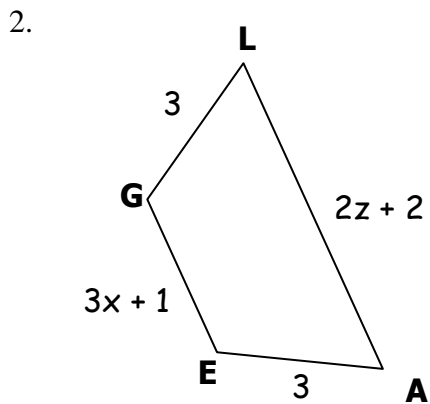
NAME _____ PERIOD _____



What is the scale factor of RSTL to ABCD: _____

$x =$ _____ $y =$ _____

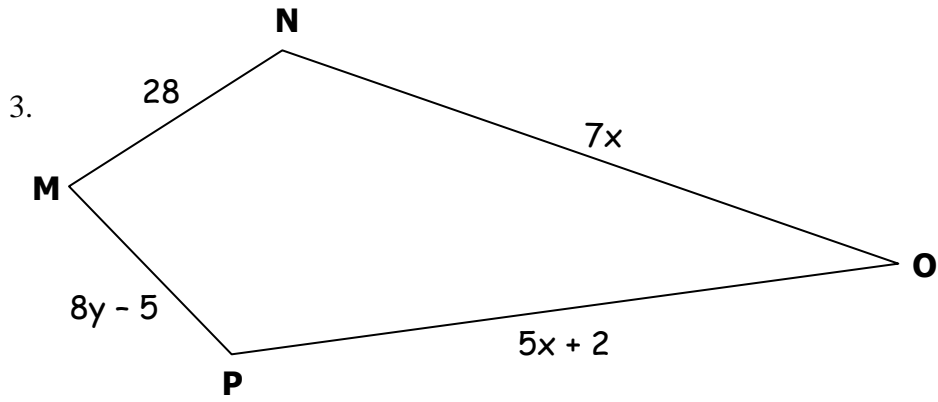
$z =$ _____



What is the scale factor of LAEG to RDCB: _____

$x =$ _____ $y =$ _____

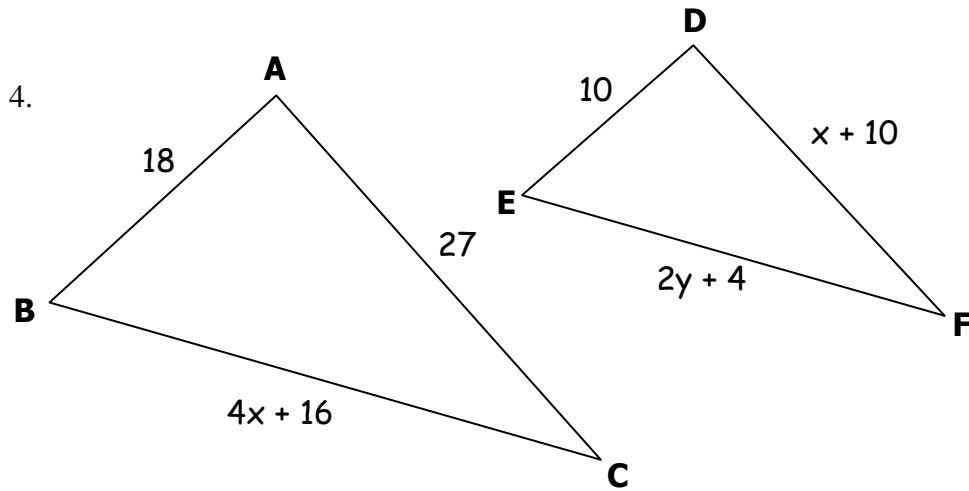
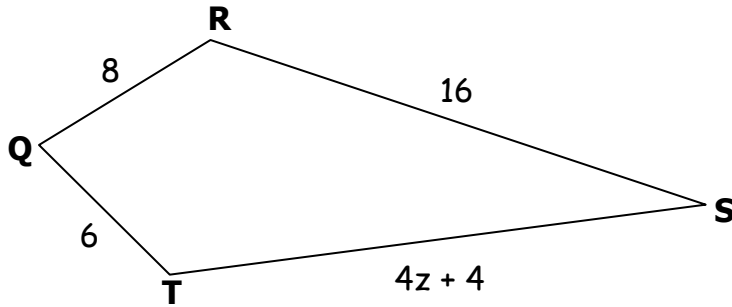
$z =$ _____



What is the scale factor of $MNOP$ to $QRST$: _____

$x =$ _____ $y =$ _____

$z =$ _____



What is the scale factor of $\triangle DEF$ to $\triangle ABC$: _____

$x =$ _____ $y =$ _____