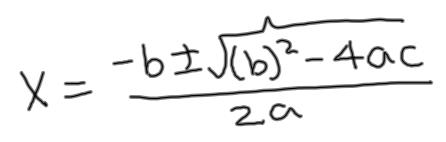
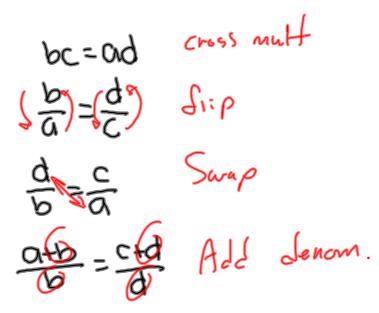


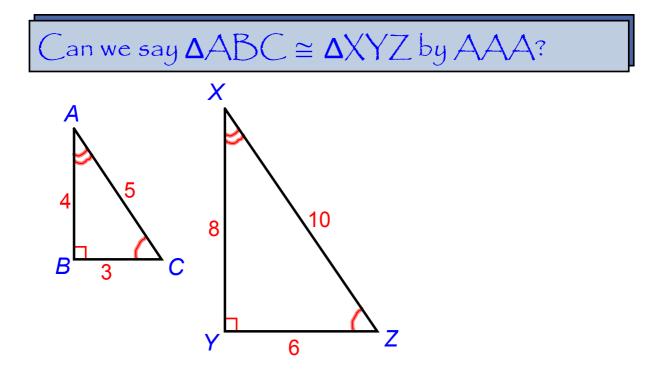
(5)
$$6 \times^{2} + 10 \times -5$$
 Nor in Std form
 $-5 -5$
 $6 \times^{2} + 10 \times -5 = 0$
 $7 -5 -5$
 $7 -5 -5$
 $6 \times^{2} + 10 \times -5 = 0$
 $7 -5 -5$
 $6 \times^{2} + 10 \times -5 = 0$
 $7 -5 -5$
 $6 \times^{2} + 10 \times -5 = 0$
 $7 -5 -5$
 $6 \times^{2} + 10 \times -5 = 0$
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 $6 \times^{2} + 10 \times -5 = 0$
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 $6 \times^{2} + 10 \times -5 = 0$
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 $7 -5 -5$
 $6 \times^{2} + 10 \times -5 = 0$
 $7 -5 -5$
 $6 \times^{2} + 10 \times -5 = 0$
 $7 -5 -5$
 $6 \times^{2} + 10 \times -5 = 0$
 $7 -5 -5$
 $6 \times^{2} + 10 \times -5 = 0$
 $(= -5)$

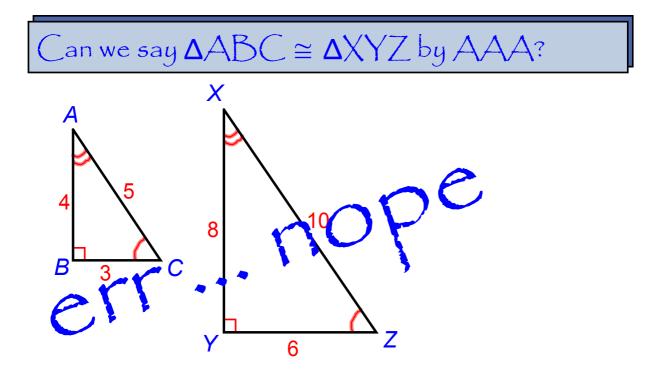


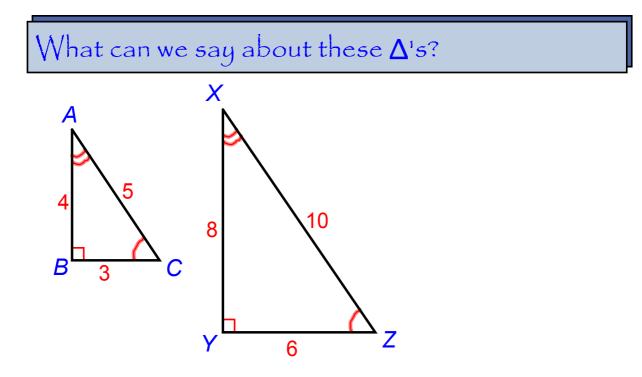


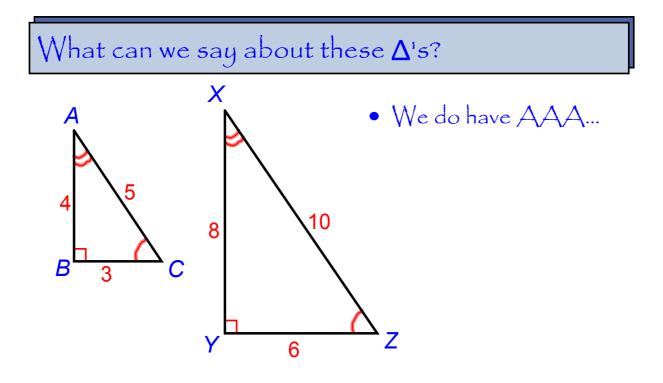
$$A = \frac{1}{2} a P$$
$$a = 7 \sqrt{3}$$
$$P = 36$$

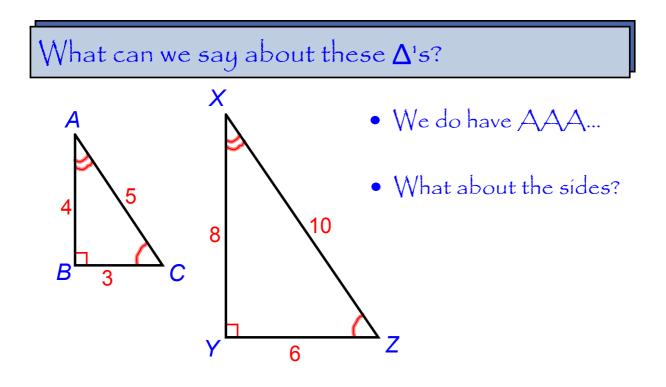
1.753.36

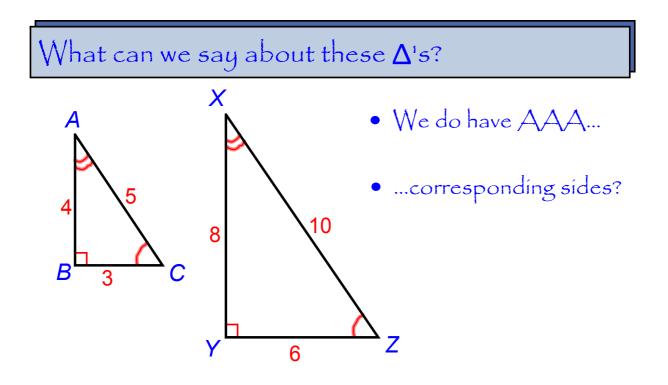


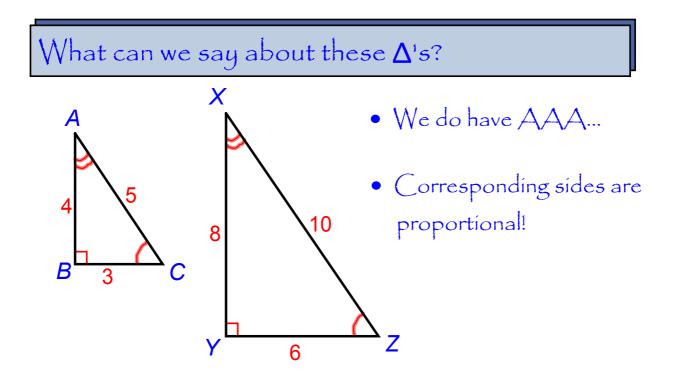


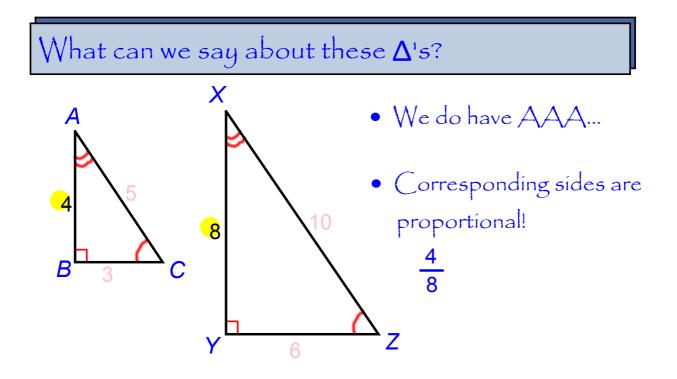


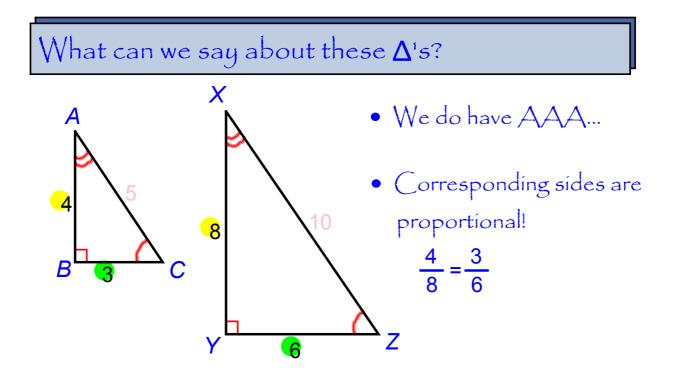


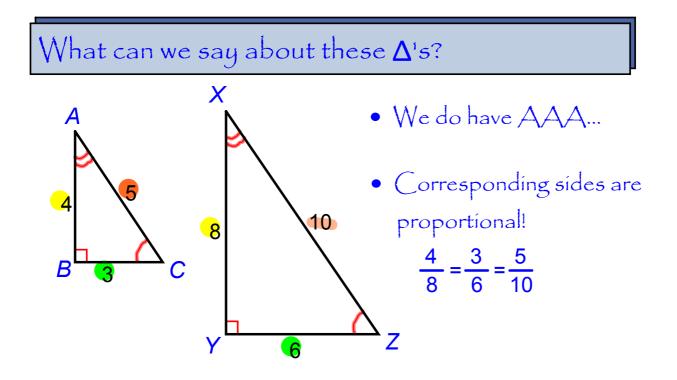


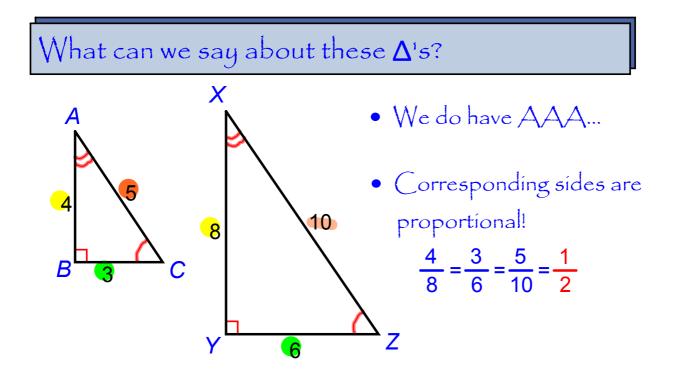


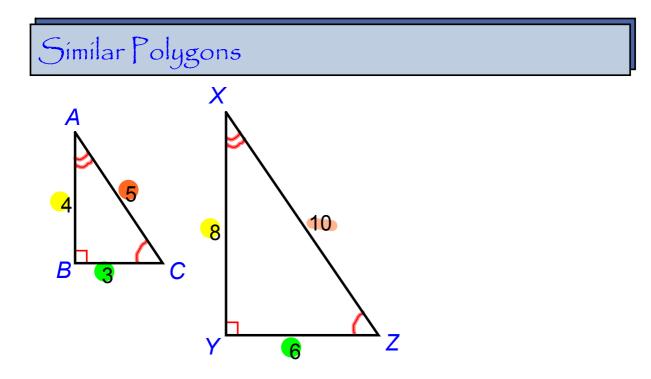


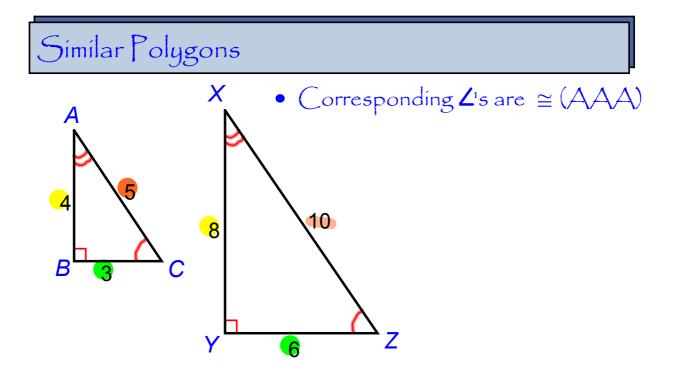


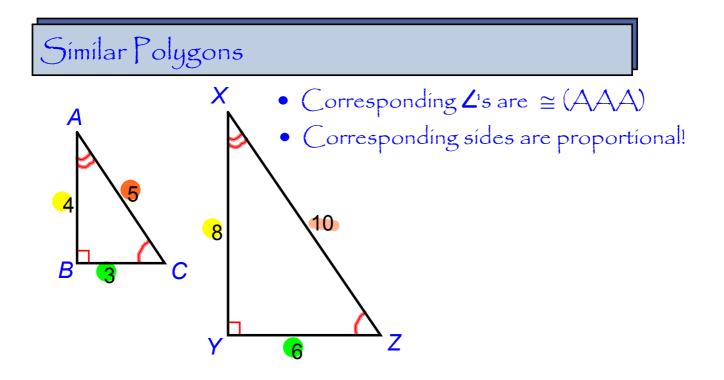


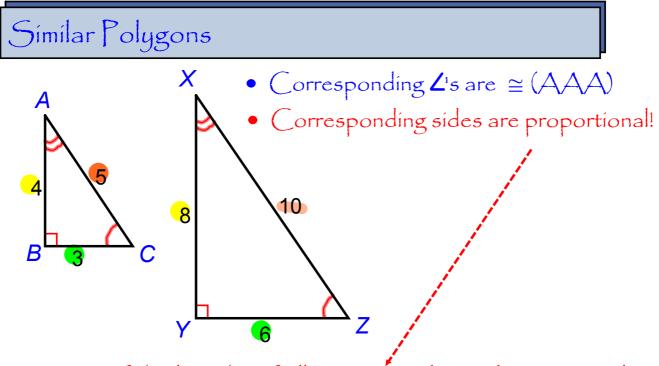


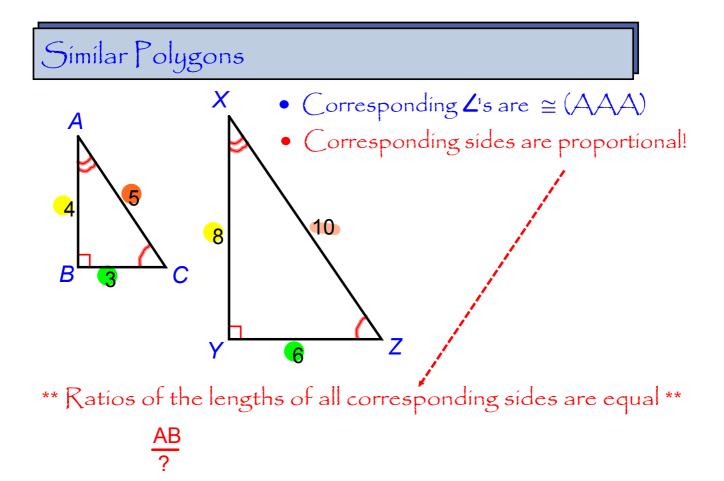


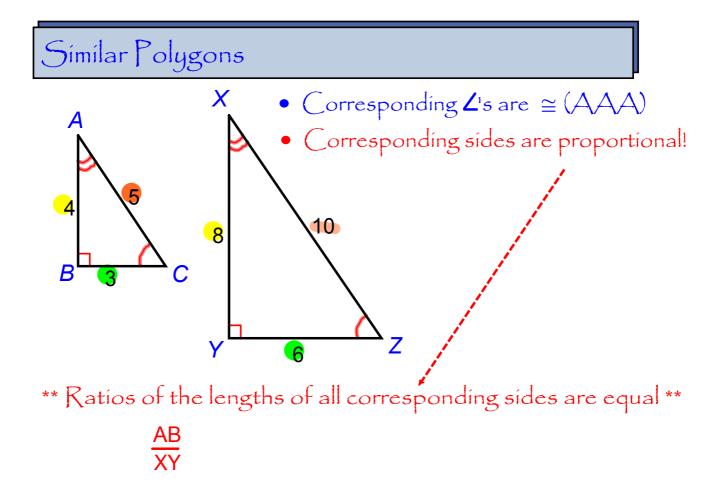


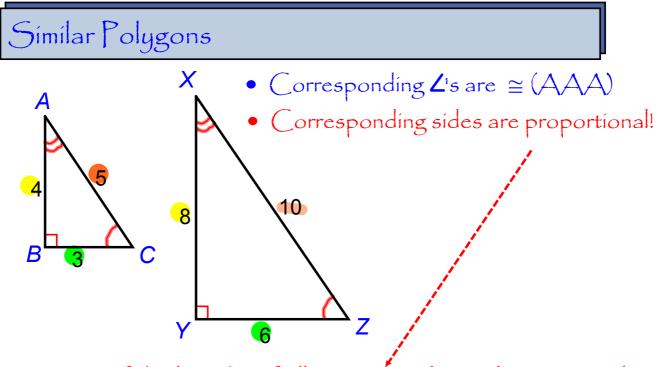




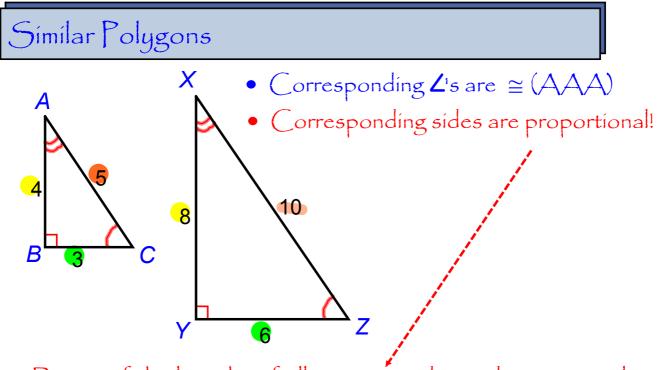




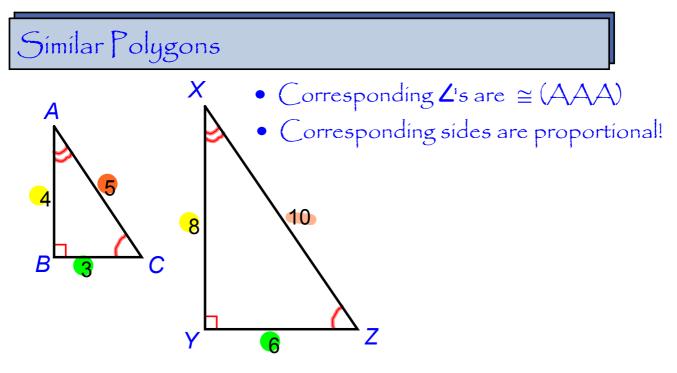




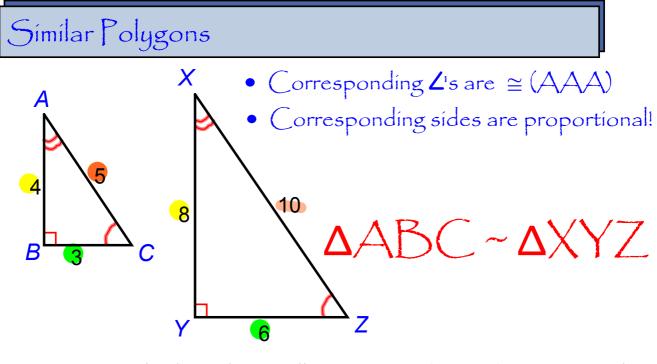
$$\frac{AB}{XY} = \frac{BC}{?} = \frac{AC}{?} = \frac{1}{?}$$



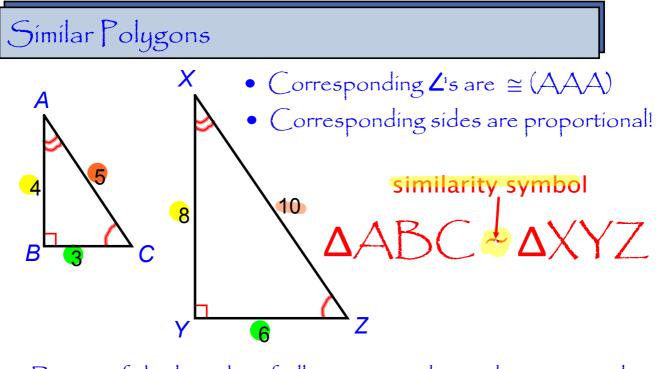
$$\frac{AB}{XY} = \frac{BC}{YZ} = \frac{AC}{XZ} = \frac{1}{2}$$



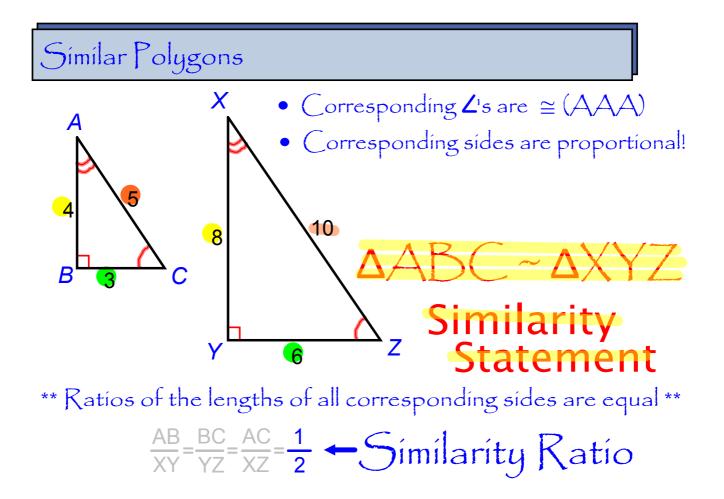
 $\frac{AB}{XY} = \frac{BC}{YZ} = \frac{AC}{XZ} = \frac{1}{2}$ Similarity Ratio

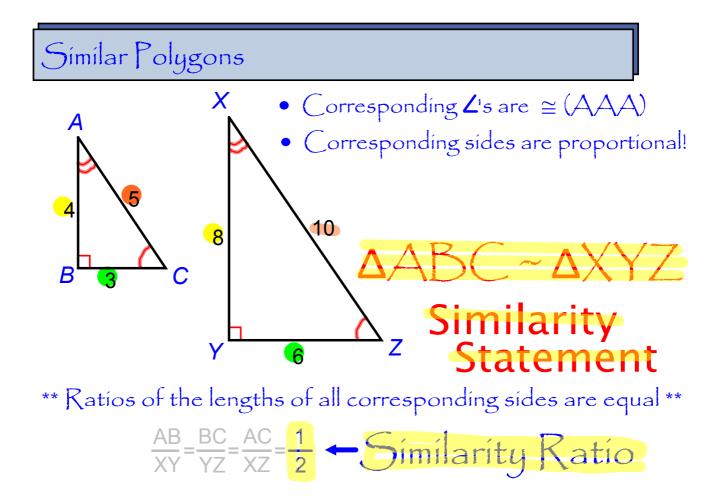


** Ratios of the lengths of all corresponding sides are equal ** $\frac{AB}{XY} = \frac{BC}{YZ} = \frac{AC}{ZZ} = \frac{1}{2} - \frac{5imilarity}{2} Ratio$



** Ratios of the lengths of all corresponding sides are equal ** $\frac{AB}{XY} = \frac{BC}{YZ} = \frac{AC}{XZ} = \frac{1}{2} - \frac{5imilarity}{2} Ratio$

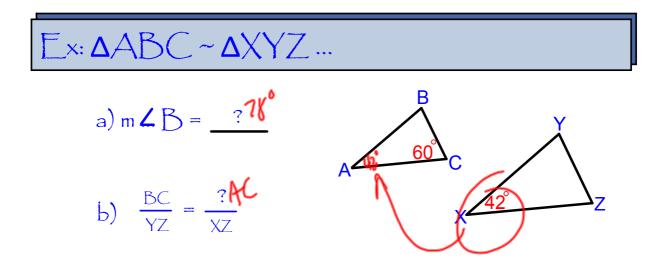




What would a similarity ratio of 1:1 mean?

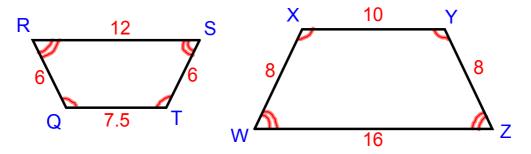
What would a similarity ratio of 1:1 mean?

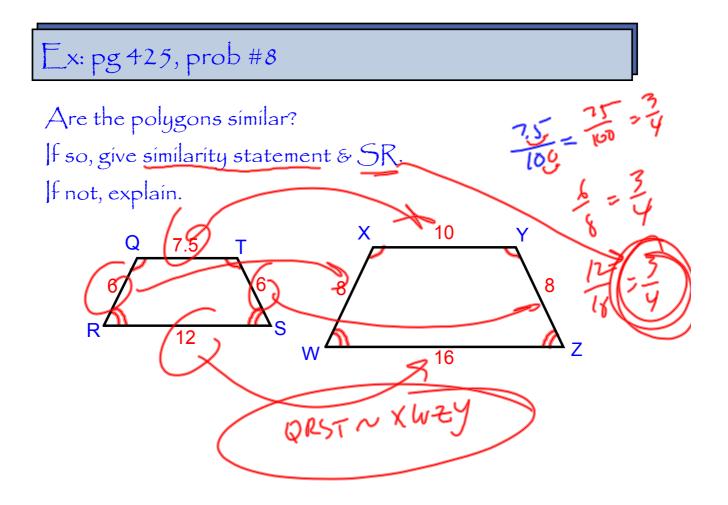
The polygons are \cong



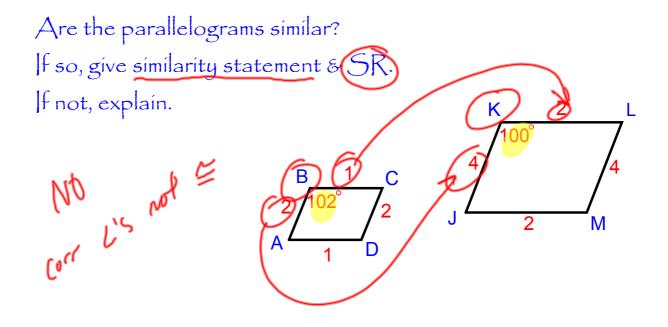
Ex: pg 425, prob #8

Are the polygons similar? |f so, give similarity statement & SR. |f not, explain.

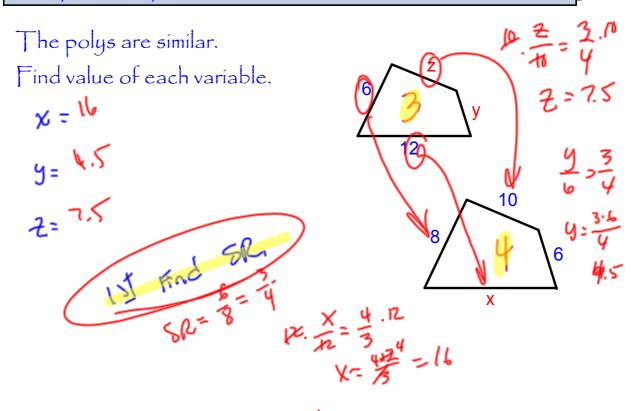




Example



Ex: pg 425, prob #8



L8-2 HW Problems

Pg 425 #1-16, 21-28, 31-39, 53-66