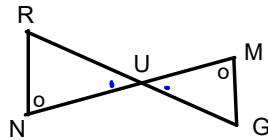


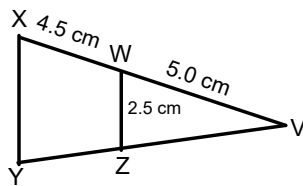
Review Day 2

1. Prove the following triangles are similar.



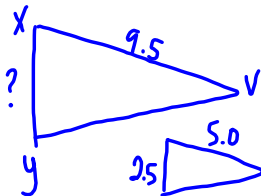
$\angle N = \angle M$ given
 $\angle RUN = \angle GUM$ OAT
 $\angle R = \angle G$ SATT
 $\therefore \Delta NUR \sim \Delta MUG$ AAA

2. The triangles are similar. Determine the value of XY.



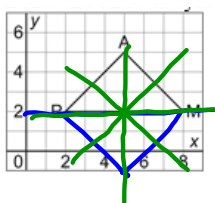
$$\frac{XY}{2.5} = \frac{9.5}{5.0}$$

$$\begin{aligned}
 XY &= \frac{9.5(2.5)}{5.0} \\
 &= 4.75 \text{ cm}
 \end{aligned}$$



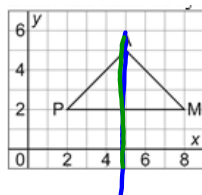
Extra Practice 5

2. a)



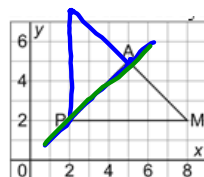
$P(2,2)$ $P'(2,2)$
 $A(5,5)$ $A'(5,-1)$
 $M(8,2)$ $M(8,2)$

b)



$P(2,2)$ $P'(8,2)$
 $A(5,5)$ $A(5,5)$
 $M(8,2)$ $M'(2,2)$

c)



$P(2,2)$ $P(2,2)$
 $A(5,5)$ $A(5,5)$
 $M(8,2)$ $M'(2,8)$

Homework

Extra Practice 3, 4 & 5