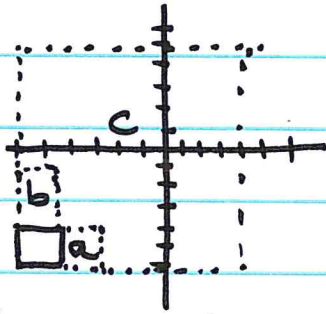


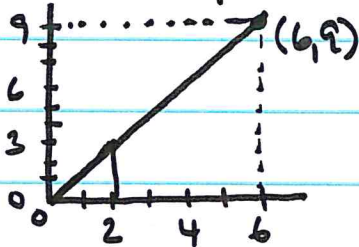
TOPIC 10 & 11 Review

1.



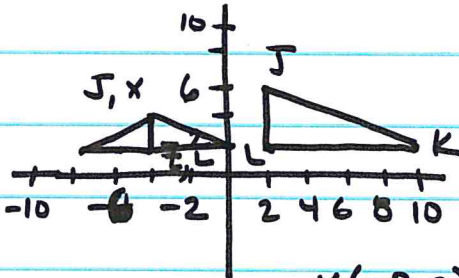
Dilate by a scale factor $\frac{c}{a}$.
It would look like "c"

2.



Dilate by a scale factor of 3

3.

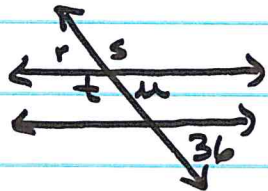


$\triangle JKL \sim \triangle XYZ$
What are the coordinates for Y?

$Y(-8, 2)$ or $(0, 2)$

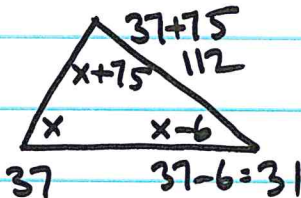
TOPIC 11

1.



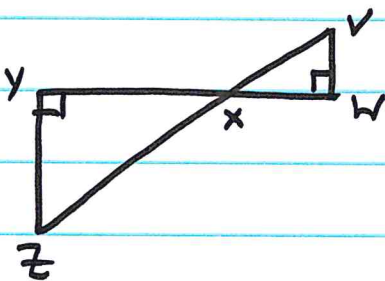
$$\begin{aligned} \angle \mu &= 36 \text{ corresponding } \angle s \\ \angle t &= 180 - \angle \mu = 180 - 36 = 144 \end{aligned}$$

2.



$$\begin{aligned} (x+75) + x + (x-6) &= 180 \\ x + x + x + 75 - 6 &= 180 \\ 3x + 69 - 69 &= 180 - 69 \\ 3x &= 111 \\ \frac{3x}{3} &= \frac{111}{3} \\ x &= 37 \end{aligned}$$

3.



Is $\triangle XWV \sim \triangle XYZ$?
 \uparrow
 $= 90^\circ$

$$\angle W = \angle Z = 90$$

$$\angle X = \angle X$$

Yes, similar