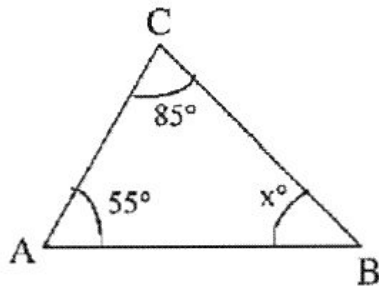


Name: _____

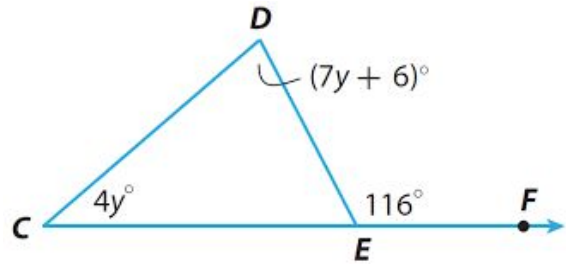
Homework – Monday (October 15, 2018)

Solve the following problems **without a calculator**. You MUST show your work. **NO WORK = NO CREDIT.**

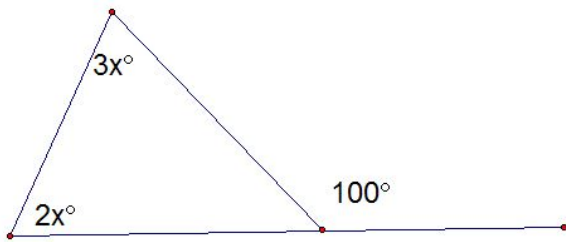
1. Solve for x .



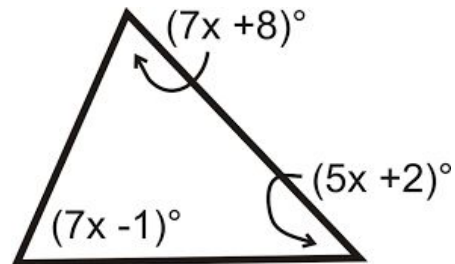
2. Solve for y .



3. Find the measure of $\angle 1$ and $\angle 2$.



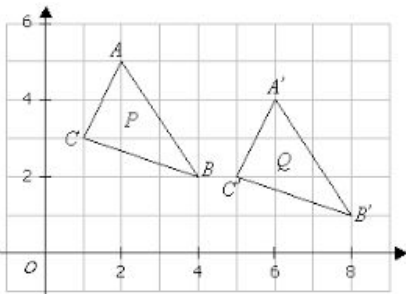
4. Solve for x .



Homework- Tuesday (October 16, 2018)

Solve the following problems **without a calculator**. You MUST show your work. **NO WORK = NO CREDIT.**

1. Describe the translation in the graph.



2. If point A(-15,3) translates right 2 and up 5, what are the new coordinates of A'?

3. If the point (-2,1) is translated one unit right and 4 units down, what are the new coordinates of the point?

4. A triangle with the vertices A(-6,4), B(2,1), and C(-3,-2) is translated 3 units left and 4 units up. What are the coordinates of the new triangle?

A' (_____ , _____)

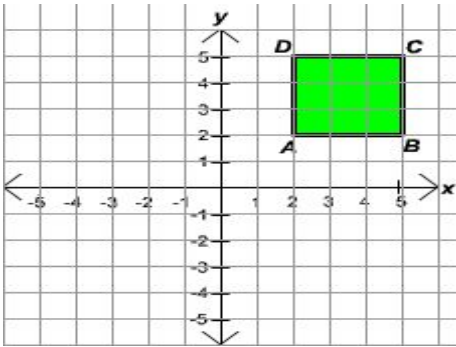
B' (_____ , _____)

C' (_____ , _____)

Homework - Wednesday (October 17, 2018)

Solve the following problems **without a calculator**. You ***MUST*** show your work. ***NO WORK = NO CREDIT.***

1. Reflect the figure around the x-axis.



2. If the point $(5, -23)$ is reflected around the y-axis, what is the coordinate of the new point?

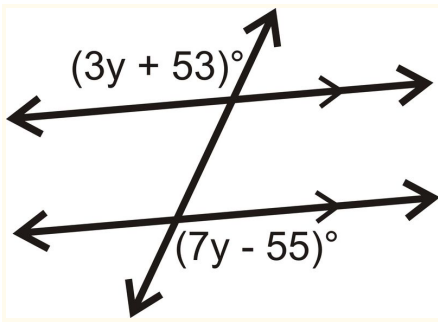
3. If point $H(-5, -4)$ is reflected around the x-axis, what is H' ?

4. Triangle ABC is drawn in Quadrant III. If its image is reflected on the y-axis, which Quadrant will its image lie in?

Homework - Thursday (October 18, 2018)

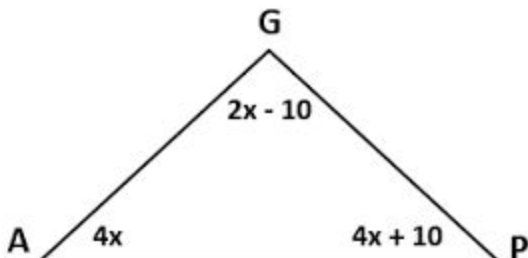
Solve the following problems **without a calculator**. You ***MUST*** show your work. ***NO WORK = NO CREDIT.***

1. Solve for y .



2. If an angle measures 80° , what is the measure of its supplement?

3. Find the measure of angle x .



4. Find the measures of $\angle 2$ and $\angle 11$.

