### Wednesday

Solve the equation for $x$:

\[-2 - 6x = 19\]

**What transformation is shown?**

1. Draw the rotation of the triangle about origin by $90^\circ$ counterclockwise.

### Thursday

Solve the equation for $x$:

\[-22 = -7 + \frac{3}{5}x\]

**Solve the system by the substitution method.**

\[-4x + 3y = -7\]
\[y = 2x - 5\]

**What transformation is shown?**

2. Draw the translation of the original figure under the rule $(x, y) \rightarrow (x, y+3)$

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**What is the value of $x$?**

![Diagram](image1.jpg)

**What is the value of $x$?**

![Diagram](image2.jpg)

If $\angle 1 = 31^\circ$, find the measure of $\angle 2$, $\angle 3$, and $\angle 4$.

![Diagram](image3.jpg)

**Find the measure of angles $a$, $b$ and $c$.**

![Diagram](image4.jpg)

**Determine the missing angle:**

![Diagram](image5.jpg)

**Determine the missing angle:**

Identify the relationship of $\angle x$ & $\angle y$ (lines that appear parallel are):

![Diagram](image6.jpg)

Identify the relationship of $\angle x$ & $\angle y$ (lines that appear parallel are):

![Diagram](image7.jpg)
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