

Monday

Identify the horizontal or vertical asymptote. Explain your reasoning.

$$f(x) = 4^x - 5$$

$$f(x) = \log_2(x + 6) - 1$$

Tuesday

Simplify this expression. Explain your reasoning.

$$\left(\frac{49m^{16}}{4n^{-4}}\right)^{\frac{1}{2}}$$

Wednesday

Identify the inverse function. Write out the steps. Then show proof using an ordered pair that is included in the relation of the given function.

$$f(x) = -3x + 4$$

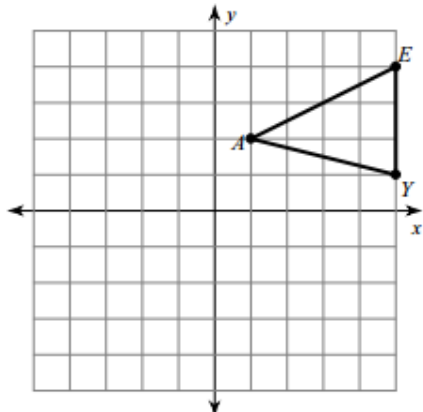
Thursday

- A. Write a relation{set of ordered pairs} that would represent a function
- B. Write a relation that WOULD NOT represent a function
- C. Draw a graph that would represent a function
- D. Draw a graph that would not represent a function

Explain your reasoning for each example.

Friday

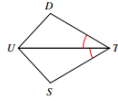
reflection across the x-axis



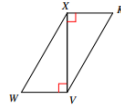
Complete this in your WTL notebook. Be sure to label the coordinates of the pre-image and image. Explain your reasoning.

State what additional information is required in order to know that the triangles are congruent for the reason given.

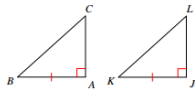
11) ASA



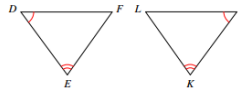
12) SAS



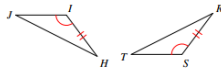
13) SAS



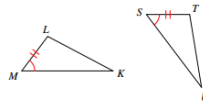
14) ASA



15) SAS



16) ASA



17) SSS

18) SAS