

Monday

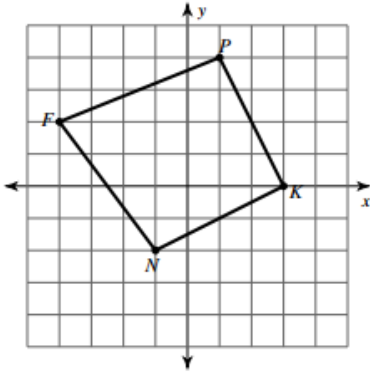
Convert from standard form to vertex form:

$$f(x) = -4x^2 - 8x - 9$$

Tuesday

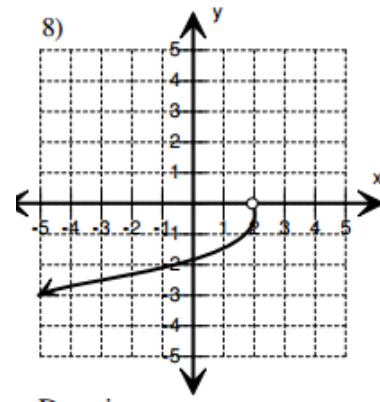
Identify coordinates after transformation

1) rotation 180° about the origin



Wednesday

Identify domain and range in interval notation:



Thursday: What are the coordinates of the y-intercept: $f(x) = 4^{x+1} - 7$

Friday:

The volume of a cylinder with a radius of 14cm is approximately $9,236.28\text{cm}^3$. What is the height of this cylinder? $\{V = \pi r^2 h\}$