

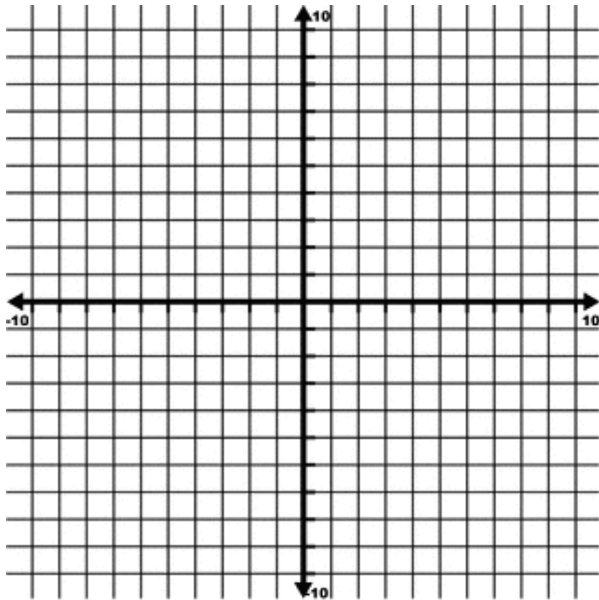
# Skill

I can find the distance between two points.

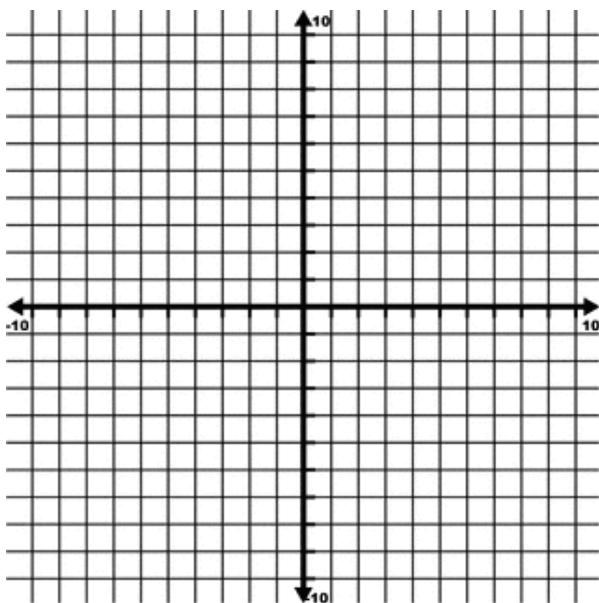
Pythagorean Theorem

Distance Formula

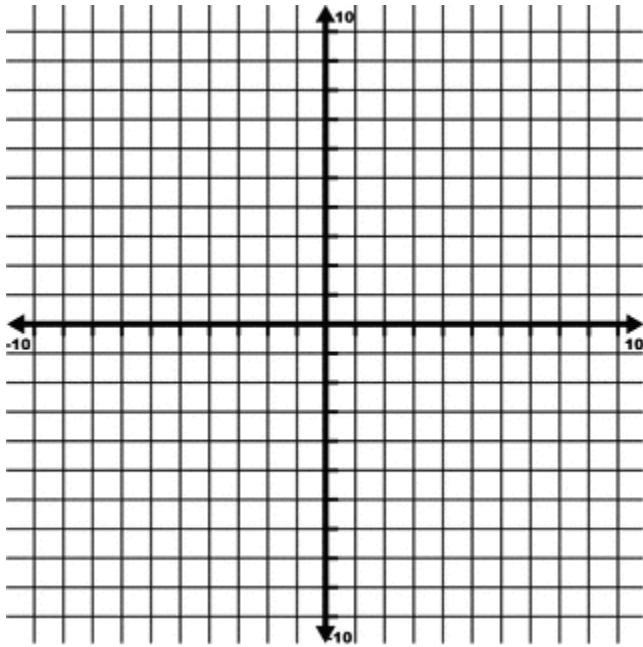
*Example:* Calculate the distance between  $(-4, 3)$  and  $(3, 5)$ .



*Example:* Calculate the distance between  $(2, 10)$  and  $(-3, -2)$ .

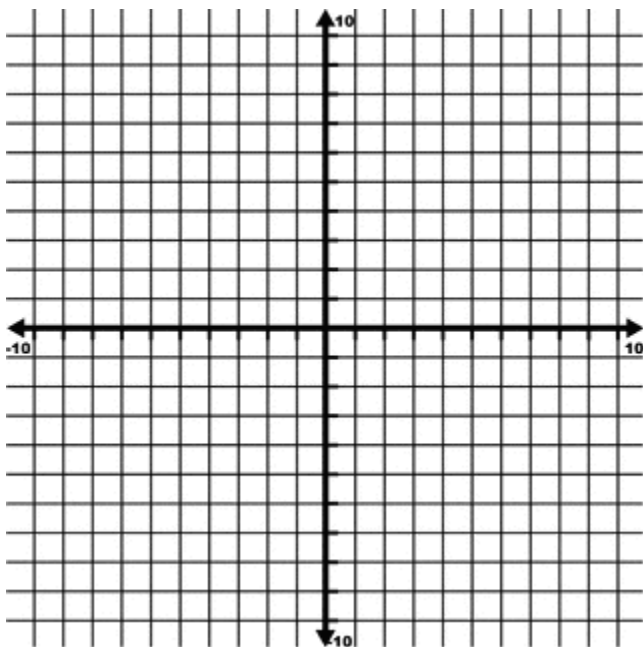


Classify the triangle ABC formed by the points A (0, -4), B (0, -9), and C (-2, -5).



Triangle ABC is a/an \_\_\_\_\_.

Classify the triangle DEF formed by the points D (-2, 4), E (8, 4), and F (6, -2).



Triangle DEF is a/an \_\_\_\_\_.