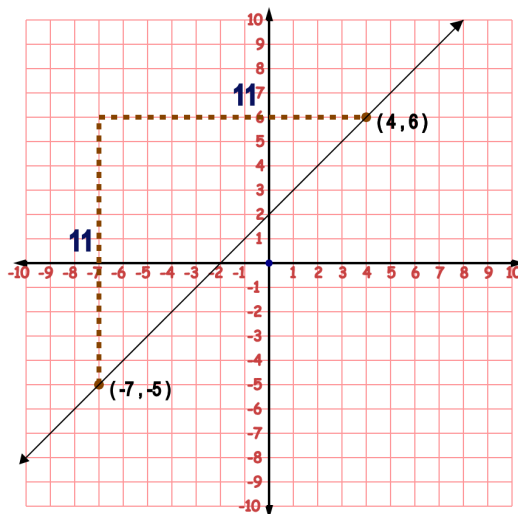


Student Name: _____

Period: _____

Date: _____

Use $A^2 + B^2 = C^2$ to calculate the distance between points rounded to 2 decimals show work below each grid !!



$$A^2 + B^2 = C^2$$

$$A = (4 - -7) = 11$$

$$B = (6 - -5) = 11$$

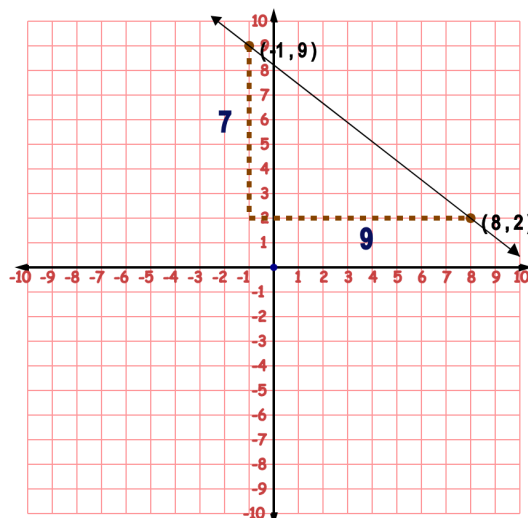
$$11^2 + 11^2 = C^2$$

$$121 + 121 = C^2$$

$$C^2 = 242$$

$$C = \sqrt{242}$$

$$C = 15.56$$



$$A^2 + B^2 = C^2$$

$$A = (8 - -1) = 9$$

$$B = (2 - 9) = -7$$

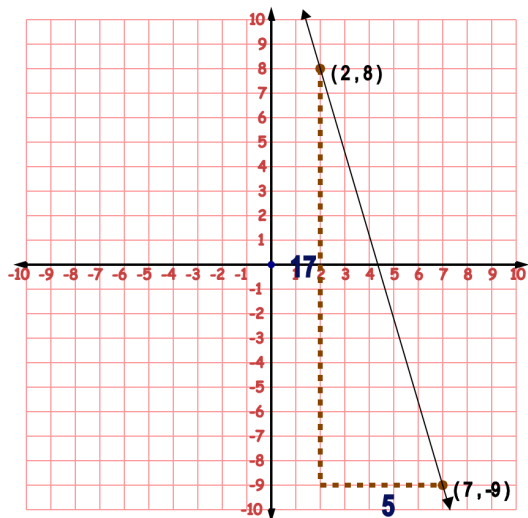
$$9^2 + -7^2 = C^2$$

$$81 + 49 = C^2$$

$$C^2 = 130$$

$$C = \sqrt{130}$$

$$C = 11.4$$



$$A^2 + B^2 = C^2$$

$$A = (7 - 2) = 5$$

$$B = (-9 - 8) = -17$$

$$5^2 + -17^2 = C^2$$

$$25 + 289 = C^2$$

$$C^2 = 314$$

$$C = \sqrt{314}$$

$$C = 17.72$$