

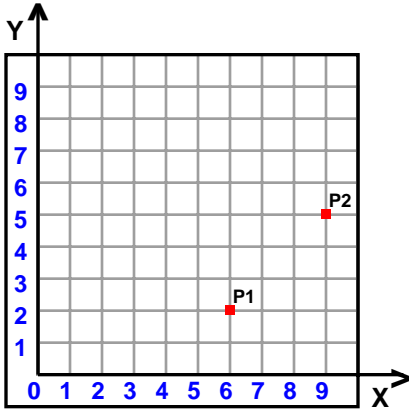
Name : _____

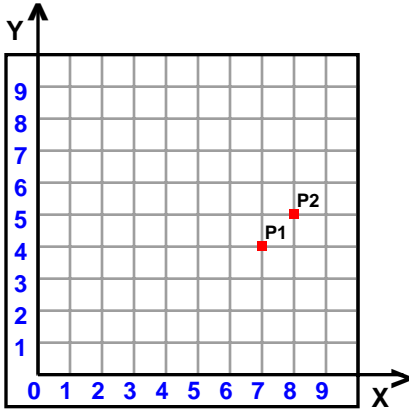
Score : _____

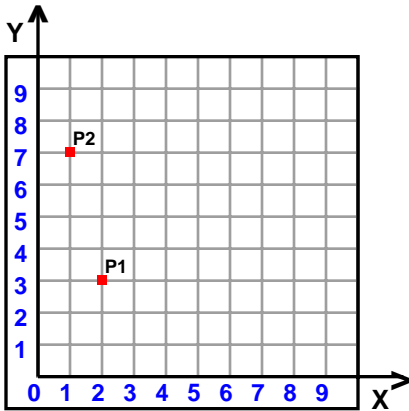
Teacher : _____

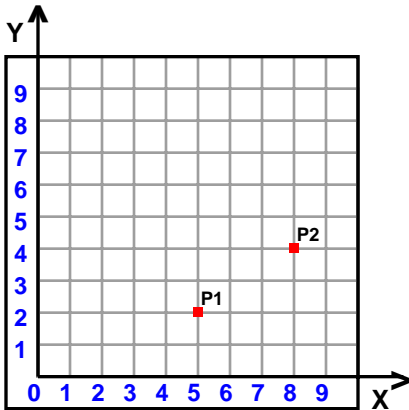
Date : _____

Find the distance between the points.











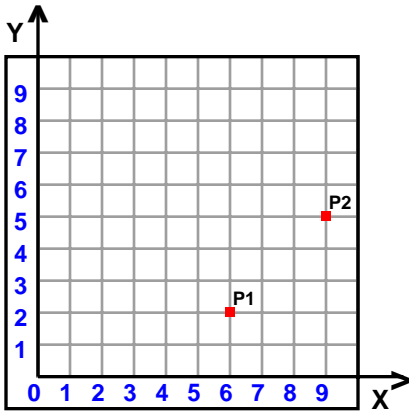
Name : _____

Score : _____

Teacher : _____

Date : _____

Find the distance between the points.



$$\sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2} = \text{distance}$$

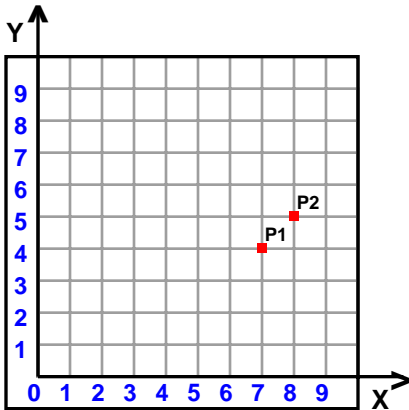
$$\sqrt{(9 - 6)^2 + (5 - 2)^2} = \text{distance}$$

$$\sqrt{3^2 + 3^2} = \text{distance}$$

$$\sqrt{9 + 9} = \text{distance}$$

$$\sqrt{18} = \text{distance}$$

$$4.2426 \approx \text{distance}$$



$$\sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2} = \text{distance}$$

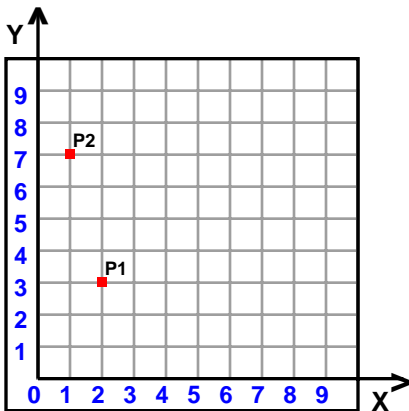
$$\sqrt{(8 - 7)^2 + (5 - 4)^2} = \text{distance}$$

$$\sqrt{1^2 + 1^2} = \text{distance}$$

$$\sqrt{1 + 1} = \text{distance}$$

$$\sqrt{2} = \text{distance}$$

$$1.4142 \approx \text{distance}$$



$$\sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2} = \text{distance}$$

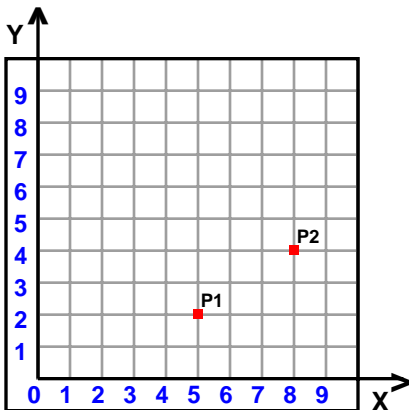
$$\sqrt{(1 - 2)^2 + (7 - 3)^2} = \text{distance}$$

$$\sqrt{-1^2 + 4^2} = \text{distance}$$

$$\sqrt{1 + 16} = \text{distance}$$

$$\sqrt{17} = \text{distance}$$

$$4.1231 \approx \text{distance}$$



$$\sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2} = \text{distance}$$

$$\sqrt{(8 - 5)^2 + (4 - 2)^2} = \text{distance}$$

$$\sqrt{3^2 + 2^2} = \text{distance}$$

$$\sqrt{9 + 4} = \text{distance}$$

$$\sqrt{13} = \text{distance}$$

$$3.6056 \approx \text{distance}$$

