

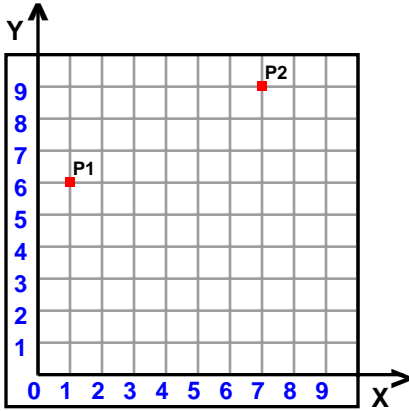
Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

**Find the distance between the points.**



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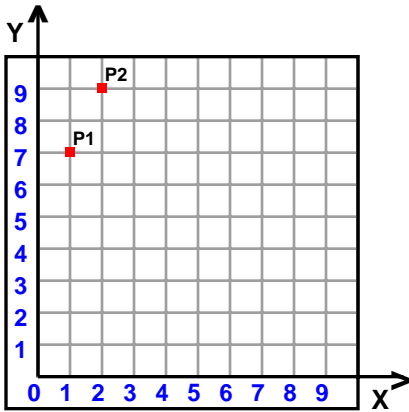
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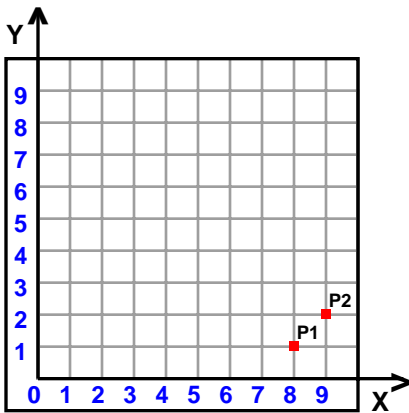
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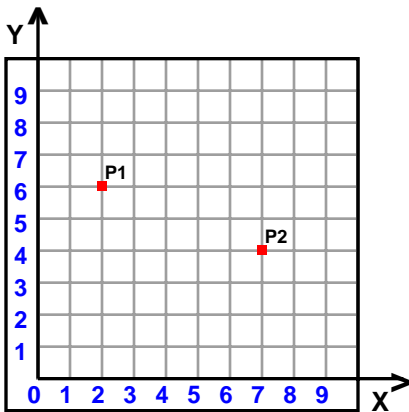
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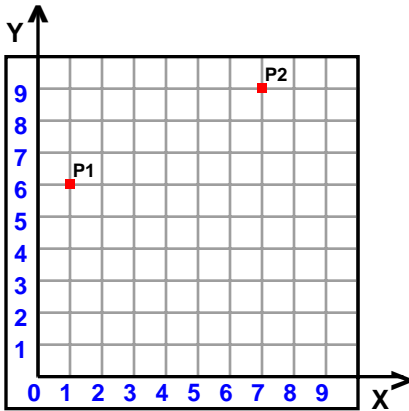
Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

**Find the distance between the points.**



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

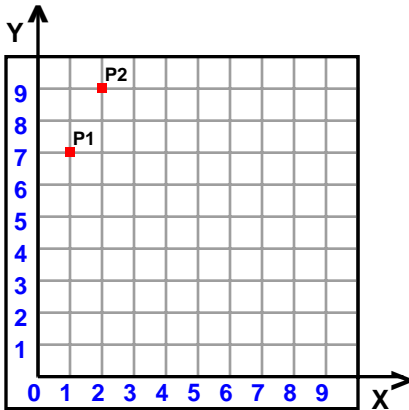
$$\sqrt{(7 - 1)^2 + (9 - 6)^2} = \text{distance}$$

$$\sqrt{6^2 + 3^2} = \text{distance}$$

$$\sqrt{36 + 9} = \text{distance}$$

$$\sqrt{45} = \text{distance}$$

$$6.7082 \approx \text{distance}$$



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

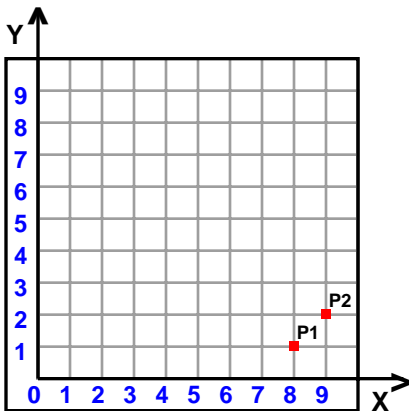
$$\sqrt{(2 - 2)^2 + (9 - 7)^2} = \text{distance}$$

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

$$\sqrt{1 + 4} = \text{distance}$$

$$\sqrt{5} = \text{distance}$$

$$2.2361 \approx \text{distance}$$



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

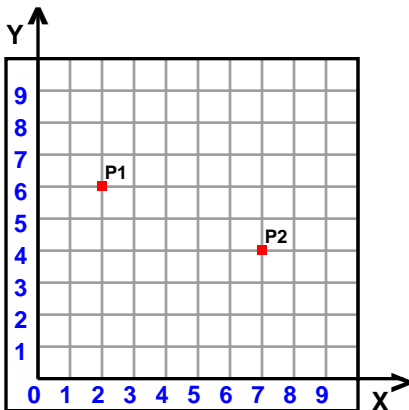
$$\sqrt{(9 - 8)^2 + (2 - 2)^2} = \text{distance}$$

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

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

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

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



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

$$\sqrt{(7 - 2)^2 + (4 - 6)^2} = \text{distance}$$

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

$$\sqrt{25 + 4} = \text{distance}$$

$$\sqrt{29} = \text{distance}$$

$$5.3852 \approx \text{distance}$$

