

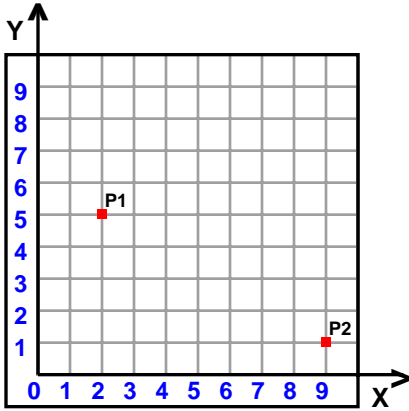
Name : \_\_\_\_\_

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

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

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

**Find the distance between the points.**



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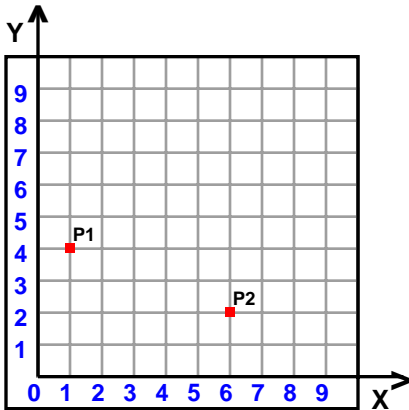
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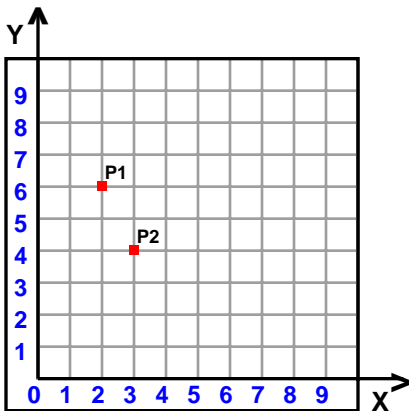
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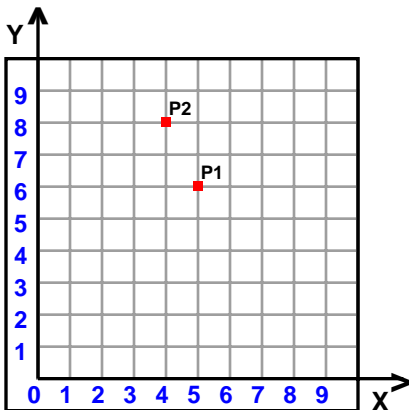
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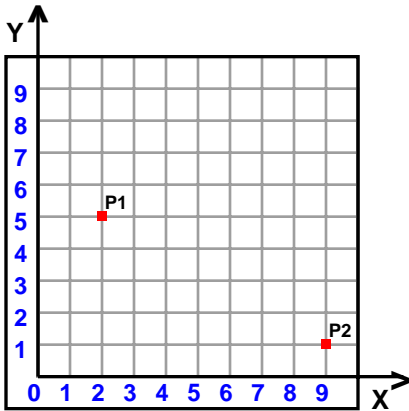
Name : \_\_\_\_\_

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

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

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

**Find the distance between the points.**



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

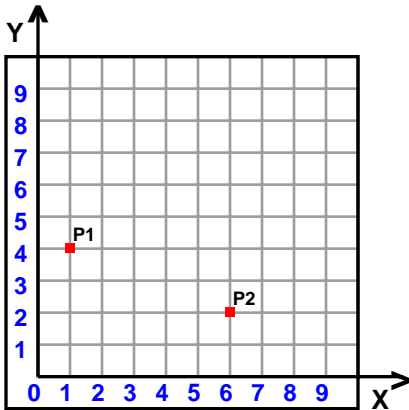
$$\sqrt{(9 - 2)^2 + (1 - 5)^2} = \text{distance}$$

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

$$\sqrt{49 + 16} = \text{distance}$$

$$\sqrt{65} = \text{distance}$$

$$8.0623 \approx \text{distance}$$



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

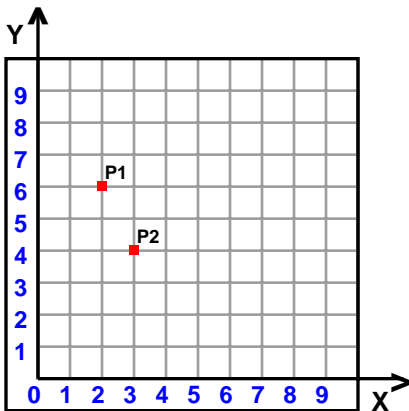
$$\sqrt{(6 - 1)^2 + (2 - 4)^2} = \text{distance}$$

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

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

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

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



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

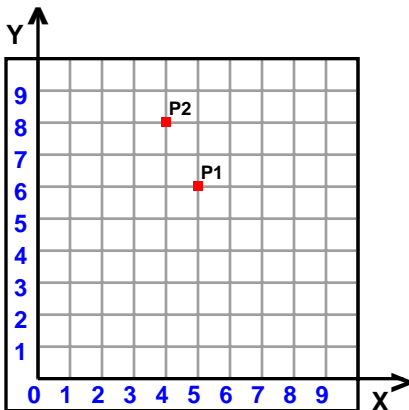
$$\sqrt{(3 - 2)^2 + (4 - 6)^2} = \text{distance}$$

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

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

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

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



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

$$\sqrt{(4 - 5)^2 + (8 - 6)^2} = \text{distance}$$

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

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

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

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

