

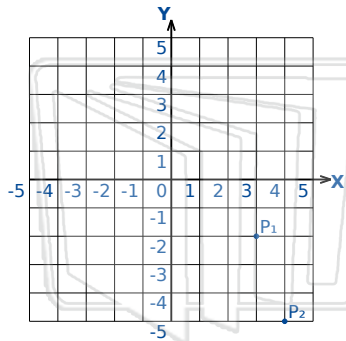


Pythagorean Theorem Distance Problems

Math

Name _____ Class _____ Date _____

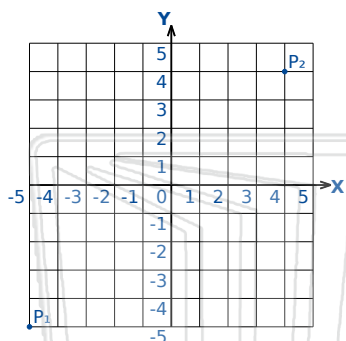
Find the distance between the points



NEW PATH
LEARNING

PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet



NEW PATH
LEARNING

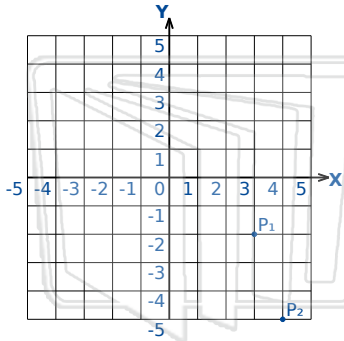


Pythagorean Theorem Distance Problems - Answer Key

Math

Name _____ Class _____ Date _____

Find the distance between the points



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

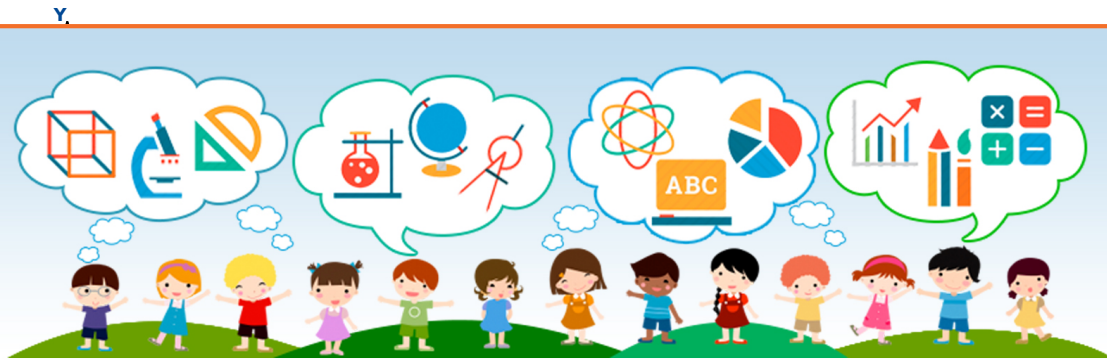
$$\text{distance} = \sqrt{(4 - 4)^2 + (-4 - (-2))^2}$$

$$\text{distance} = \sqrt{(0)^2 + (-2)^2}$$

$$\text{distance} = \sqrt{0 + 4}$$

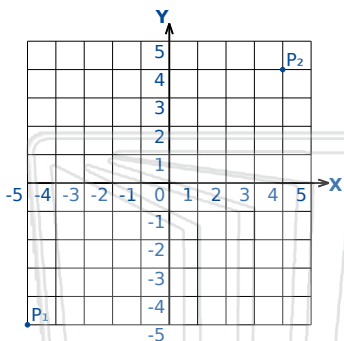
$$\text{distance} = \sqrt{4}$$

$$\text{distance} = 2$$



PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet



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

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

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

$$\text{distance} = \sqrt{64 + 64}$$

$$\text{distance} = \sqrt{128}$$

$$\text{distance} \approx 11.3137$$