DISTANCE OF A LINE SEGMENT

ANSWERS

YOU CAN USE THE DISTANCE FORMULA OR THE PYTHAGOREAN THEOREM TO FIND THE DISTANCE OF A LINE SEGMENT. WHEN YOU USE THE DISTANCE FORMULA YOU NEED TO KNOW THE COORDINATES, BUT WHEN YOU USE THE PYTHAGOREAN THEOREM YOU PHYSICALLY COUNT THE LENGTH OF EACH LEG.



2.







↓y

2



Use the figure to find the distance for the given line segments. Round all answers to the nearest whole number.



Use the coordinates to find the distance for each line segment. Round all answers to the nearest whole number.

10.
$$(-2, 6), (-5, -4)$$

10
11. $(8, -4), (0, 3)$
12. $(14, -5), (1, -5)$
13
13. $(-9, 3), (-8, 2)$
1
LEVEL 3

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