# Math Practice - Grade 6

## M6 The coordinate plane - Distance between two points

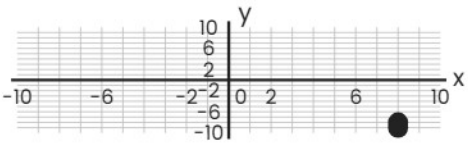
M6 6.NS.C.8, 6.G.A.3

Name: _____ Date: _____

Find the distance between the two points.

**Example: Find the distance between (8, -8) and (8, -9).**

How: Points that share a coordinate make a horizontal or vertical segment: subtract the coordinates that differ and take the absolute value. Points that share no coordinate make the hypotenuse of a right triangle: square the horizontal and vertical differences, add them, and take the square root.




1

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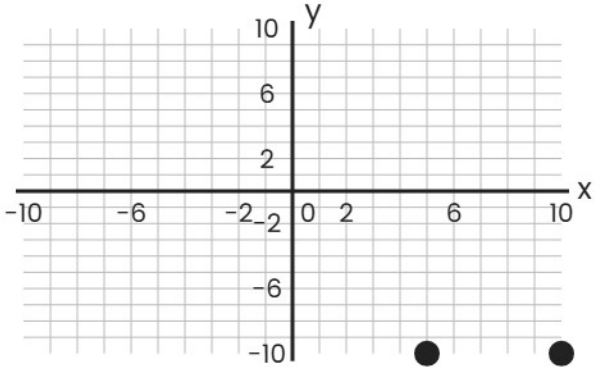
**1** **Find the distance between (5, -10) and (10, -10).**

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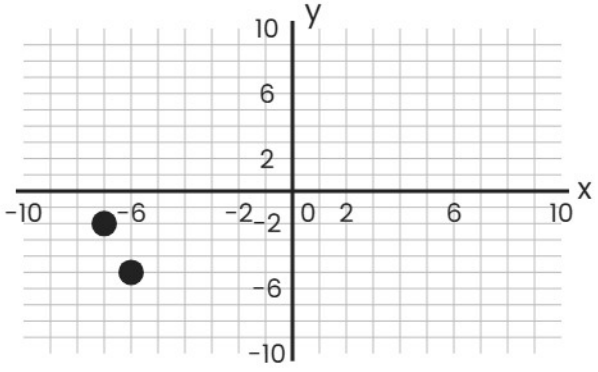
**2** **Find the distance between (-7, -2) and (-6, -5).**



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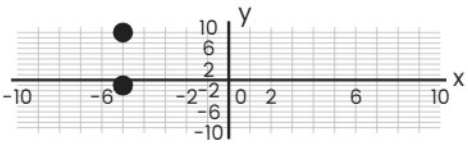
Name: _____ Date: _____

Find the distance between the two points.

**Example: Find the distance between (-5, 9) and (-5, -1).**

How: Points that share a coordinate make a horizontal or vertical segment: subtract the coordinates that differ and take the absolute value. Points that share no coordinate make the hypotenuse of a right triangle: square the horizontal and vertical differences, add them, and take the square root.




10

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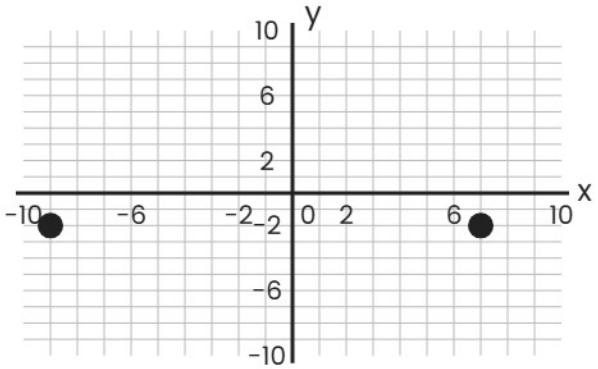
**1** **Find the distance between (7, -2) and (-9, -2).**

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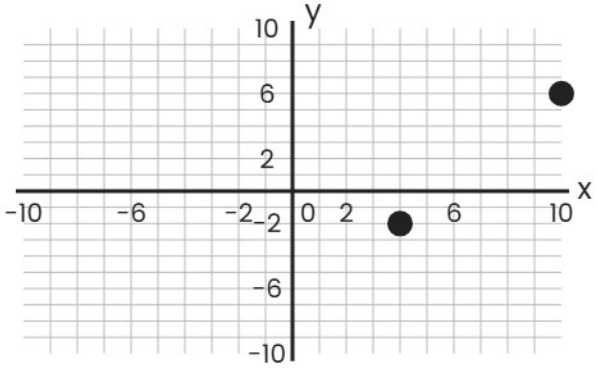
**2** **Find the distance between (4, -2) and (10, 6).**



# Math Practice - Grade 6

## M6 The coordinate plane - Distance between two points

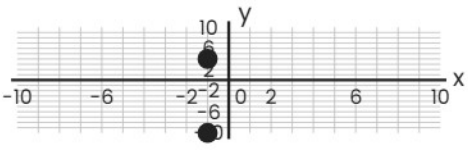
M6 6.NS.C.8, 6.G.A.3

Name: _____ Date: _____

Find the distance between the two points.

**Example: Find the distance between (-1, 4) and (-1, -10).**

How: Points that share a coordinate make a horizontal or vertical segment: subtract the coordinates that differ and take the absolute value. Points that share no coordinate make the hypotenuse of a right triangle: square the horizontal and vertical differences, add them, and take the square root.




14

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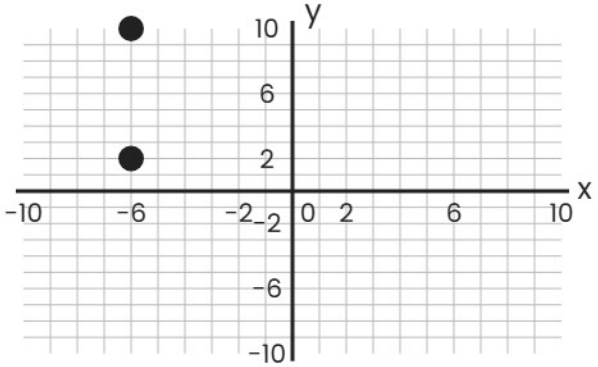
**1** **Find the distance between (-6, 10) and (-6, 2).**

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**2** **Find the distance between (4, -9) and (4, 6).**

