Math Practice - Grade 8

M10 Pythagorean theorem - Find the distance between two points

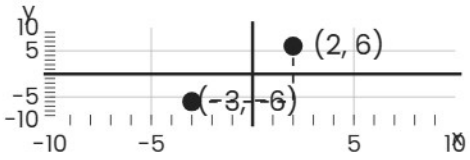
M10 8.G.B.6, 8.G.B.7, 8.G.B.8

Name: _____ Date: _____

Find the distance between the two points. Write the answer in the box.

Example: Find the distance between (-3, -6) and (2, 6).

How: Build a right triangle from the two points: the horizontal and vertical changes are the legs, and the distance is the hypotenuse.



Distance 13

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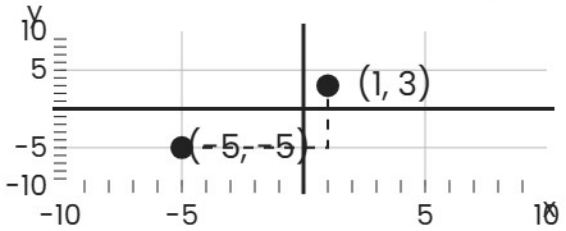
1 **Find the distance between (-5, -5) and (1, 3).**



Distance

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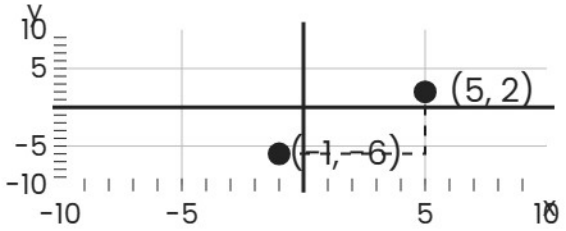
2 **Find the distance between (-1, -6) and (5, 2).**



Distance

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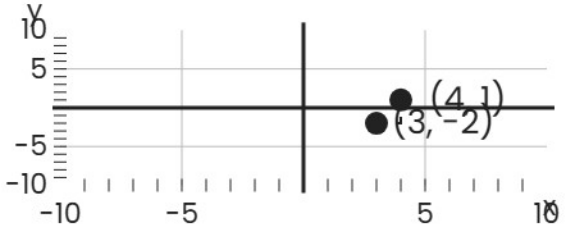
3 **Find the distance between (3, -2) and (4, 1).**



Distance

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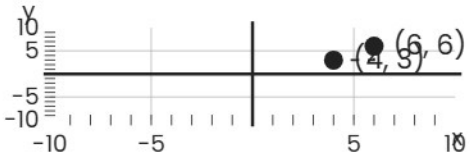
Find the distance between the two points. Write the answer in the box.

Example: Find the distance between (4, 3) and (6, 6).

How: Build a right triangle from the two points: the horizontal and vertical changes are the legs, and the distance is the hypotenuse.



Distance √13

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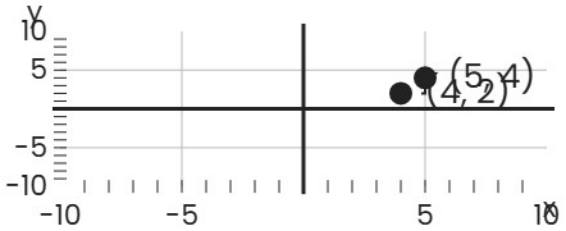
1 **Find the distance between (4, 2) and (5, 4).**



Distance

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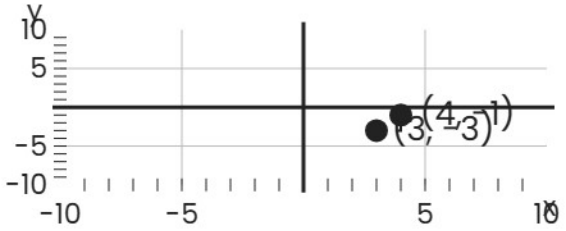
2 **Find the distance between (3, -3) and (4, -1).**



Distance

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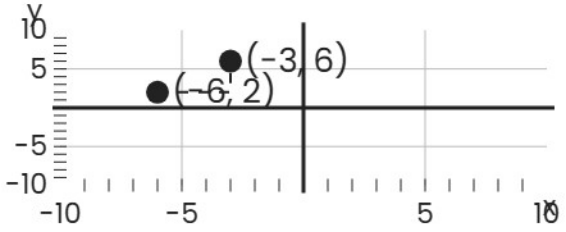
3 **Find the distance between (-6, 2) and (-3, 6).**



Distance

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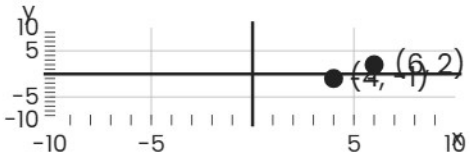
Find the distance between the two points. Write the answer in the box.

Example: Find the distance between (4, -1) and (6, 2).

How: Build a right triangle from the two points: the horizontal and vertical changes are the legs, and the distance is the hypotenuse.



Distance √13

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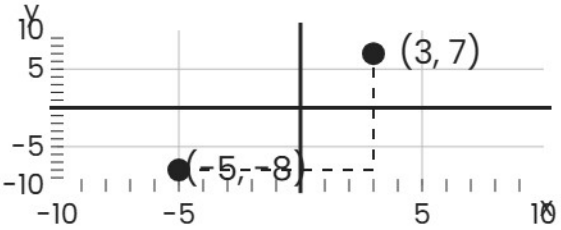
1 **Find the distance between (-5, -8) and (3, 7).**



Distance

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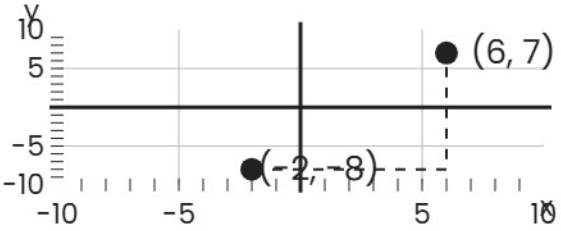
2 **Find the distance between (-2, -8) and (6, 7).**



Distance

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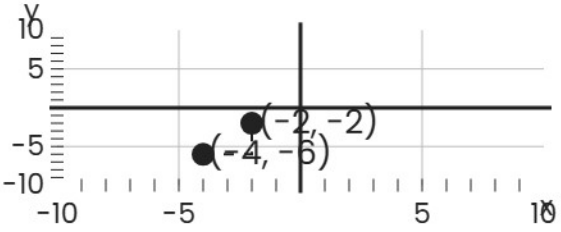
3 **Find the distance between (-4, -6) and (-2, -2).**



Distance