



New Maths GCSE: G20 - Distance between two points

Name:

Date:

How would you work out the distance between these two co-ordinates?

A $\frac{6-2}{6-3}$ **B** $\frac{6-3}{6-2}$

C $\sqrt{4^2 + 3^2}$ **D** $\sqrt{4^2 - 3^2}$

Correct Answer: A B C D

Explanation:

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How would you work out the distance between these two co-ordinates?

A $\sqrt{2^2 + 1^2}$ **B** $\sqrt{3^2 + 2^2}$

C $\sqrt{8^2 + 3^2}$ **D** $\frac{1-(-2)}{5-(-3)}$

Correct Answer: A B C D

Explanation:

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How would you work out the distance between these two co-ordinates?

A $\sqrt{3^2 + 2^2}$ **B** $\sqrt{9^2 - 3^2}$

C $\frac{-3-1}{6-(-3)}$ **D** $\sqrt{4^2 + 9^2}$

Correct Answer: A B C D

Explanation:

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How would you work out the distance between these two co-ordinates?

A 0 B $\sqrt{0^2 + 1^2}$
 C $\sqrt{8^2 + 5^2}$ D 5

Correct Answer: A B C D

Explanation:

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How would you work out the distance between these two co-ordinates?

A $\frac{6 - (-2)}{-1 - (-5)}$ B $\sqrt{8^2 + 4^2}$
 C $\sqrt{8^2 - 6^2}$ D $\sqrt{8^2 + 6^2}$

Correct Answer: A B C D

Explanation:

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How would you work out the distance between these two co-ordinates?

A 11 B $\sqrt{10^2 + 11^2}$
 C $\sqrt{10^2 + 5^2}$ D 5

Correct Answer: A B C D

Explanation:

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How would you work out the distance between these two co-ordinates?

A $\sqrt{10^2 + 5^2}$ B $\sqrt{2^2 + 1^2}$
 C $2^2 + 1^2$ D $\sqrt{10^2 + 1^2}$

Correct Answer: A B C D

Explanation:

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How would you work out the distance between these two co-ordinates?

A $\frac{2-(-3)}{-4-6}$ B $\sqrt{10^2 + 5^2}$
 C $\sqrt{2^2 + 1^2}$ D $\frac{6-(-4)}{-3-2}$

Correct Answer: A B C D

Explanation:

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How would you work out the distance between these two co-ordinates?

A $\sqrt{6^2 + 5^2}$ B $\frac{7-1}{3-8}$
 C $\sqrt{8^2 + 11^2}$ D $\sqrt{6^2 - 5^2}$

Correct Answer: A B C D

Explanation:

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How would you work out the distance between these two co-ordinates?

A $\sqrt{9^2 + 5^2}$ B $\sqrt{9^2 - 5^2}$
 C $\frac{5-(-4)}{2-(-3)}$ D $\sqrt{1^2 + 1^2}$

Correct Answer: A B C D

Explanation:

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