



GCSE Maths Takeaway 16 - Congruent Shapes

Name:.....

Date:.....

Which two shapes are congruent?

A <i>H and L</i>	B <i>J and E</i>
C <i>I and K</i>	D <i>B and F</i>

Correct Answer: A B C D

Explanation:

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Which two shapes are similar?

A <i>C and L</i>	B <i>A and G</i>
C <i>I and K</i>	D <i>B and F</i>

Correct Answer: A B C D

Explanation:

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Which two shapes are congruent?

A <i>C and B</i>	B <i>F and G</i>
C <i>F and B</i>	D <i>A and E</i>

Correct Answer: A B C D

Explanation:

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Which two shapes are similar?

A C and B **B** F and G
C B and F **D** A and B

Correct Answer: A B C D

Explanation:

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Congruency

Ron draws a trapezoid, then rotates it 90°.

Which statement is true about the 2 trapezoids?

A. They are congruent because all trapezoids are congruent.
B. They are congruent because rotating a trapezoid does not change its size and shape.
C. They are not congruent because rotating the trapezoid changes its side lengths.
D. They are not congruent because rotating the trapezoid changes its angle measures.

Correct Answer: A B C D

Explanation:

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