**Congruent Shapes - advanced**

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| Name : | Class : | Date : |

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| **1)** Write down the letters of a pair of congruent shapes from the grid belowhttp://www.mathster.com/course/simgs/5873303984_1.png      | [1]   |
| **2)** Identify **all** pairs of congruent shapes in the grid belowhttp://www.mathster.com/course/simgs/5873303984_2.png      | [1]   |
| **3)** Identify the only shape which is not congruent to any other shape in the grid belowhttp://www.mathster.com/course/simgs/5873303984_3.png      | [1]   |
| **4)** Identify **all** pairs of congruent triangles. Note that the diagram is not drawn to scale.      http://www.mathster.com/course/simgs/5873303984_4.png | [1]   |
| **5)** Identify the only pair of congruent triangles which can be proved using the '3 equal sides' rule (SSS)http://www.mathster.com/course/simgs/5873303984_5.png      | [1]   |
| **6)** Identify the only pair of congruent triangles which can be proved using the '2 angles and a corresponding side' rule (AAS)http://www.mathster.com/course/simgs/5873303984_6.png      | [1]   |
| **7)** Identify the only pair of congruent triangles which can be proved using the '2 sides and the included angle' rule (SAS)http://www.mathster.com/course/simgs/5873303984_7.png      | [1]   |
| **8)** Identify the only pair of congruent triangles which can be proved using the 'right angle, hypotenuse and side' rule (RHS)http://www.mathster.com/course/simgs/5873303984_8.png      | [1]   |

**Solutions for the assessment Congruent Shapes - advanced**

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| **1)** D and G | **2)** B and A, H and C, G and F, D and E |
| **3)** D | **4)** B and C, H and D, G and A, F and E |
| **5)** A and H | **6)** D and B |
| **7)** G and E | **8)** G and C |