**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 below   http://www.mathster.com/course/simgs/23493216016_1.png | [1] |
| **2)** Identify **all** pairs of congruent shapes in the grid below   http://www.mathster.com/course/simgs/23493216016_2.png | [1] |
| **3)** Identify the only shape which is not congruent to any other shape in the grid below   http://www.mathster.com/course/simgs/23493216016_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/23493216016_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/23493216016_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/23493216016_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/23493216016_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/23493216016_8.png | [1] |

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

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