**Area of triangle and parallelogram**

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| Name : | Class : | Date : |

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| **1)** Match each area formula with the correct shape

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| 1.      $A=l^{2}$  | A.     Parallelogram  |
| 2.      $A=lw$  | B.     Square  |
| 3.      $A=\frac{1}{2}bh$  | C.     Triangle  |
| 4.      $A=bh$  | D.     Rectangle  |

      | [1]   |
| **2)** Find the area of the triangle.     http://www.mathster.com/course/simgs/48454584189_1.png     Area = ..... mm2      | [1]   |
| **3)** Find the area of the triangle.     http://www.mathster.com/course/simgs/48454584189_2.png     Area = ..... mm2      | [1]   |
| **4)** Find the area of the parallelogram if the perpendicular height from the base is 6 cm and the base is 6 cm.     http://www.mathster.com/course/simgs/48454584189_3.pngArea = ..... $cm^{2}$      | [1]   |
| **5)** Find the area of the rhombus if the perpendicular height from the base is 5 cm and the base is 11 cm.     http://www.mathster.com/course/simgs/48454584189_4.pngArea = ..... $cm^{2}$      | [1]   |
| **6)** Find the area of a triangle, given that it has a base of 12 mm and a perpendicular height to the base of 7 mm.           Area = ......... mm2 | [1]   |
| **7)** Find the area of a parallelogram, given that it has a base of 8 cm and a height perpendicular to the base of 6 cm.           Area = ..... $cm^{2}$ | [1]   |
| **8)** Find the area of the shape below.http://www.mathster.com/course/simgs/48454584189_5.png     Area = ..... $cm^{2}$      | [1]   |

**Solutions for the assessment Area of triangle and parallelogram**

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| **1)** 1 B, 2 D, 3 C, 4 A | **2)** Area = 24  $mm^{2}$ |
| **3)** Area = 15  $mm^{2}$ | **4)** Area = 36  $cm^{2}$ |
| **5)** Area = 55  $cm^{2}$ | **6)** Area = 42 mm2 |
| **7)** Area = 48  $cm^{2}$ | **8)** Area = 42.5  $cm^{2}$ |