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

      | [1]   |
| **2)** Find the area of the triangle.     http://www.mathster.com/course/simgs/36708018225_1.png     Area = ..... m2      | [1]   |
| **3)** Find the area of the triangle.     http://www.mathster.com/course/simgs/36708018225_2.png     Area = ..... m2      | [1]   |
| **4)** Find the area of the parallelogram if the perpendicular height from the base is 6 m and the base is 11 m.     http://www.mathster.com/course/simgs/36708018225_3.pngArea = ..... $m^{2}$      | [1]   |
| **5)** Find the area of the rhombus if the perpendicular height from the base is 5 mm and the base is 10 mm.     http://www.mathster.com/course/simgs/36708018225_4.pngArea = ..... $mm^{2}$      | [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 m and a height perpendicular to the base of 6 m.           Area = ..... $m^{2}$ | [1]   |
| **8)** Find the area of the shape below.http://www.mathster.com/course/simgs/36708018225_5.png     Area = ..... $cm^{2}$      | [1]   |

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

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| **1)** 1 D, 2 B, 3 A, 4 C | **2)** Area = 33  $m^{2}$ |
| **3)** Area = 18  $m^{2}$ | **4)** Area = 66  $m^{2}$ |
| **5)** Area = 50  $mm^{2}$ | **6)** Area = 42 mm2 |
| **7)** Area = 48  $m^{2}$ | **8)** Area = 56  $cm^{2}$ |