**Area of triangle and parallelogram**

|  |  |  |
| --- | --- | --- |
| Name : | Class : | Date : |

|  |  |  |
| --- | --- | --- |
| Mark : | /8 | % |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1)** Match each area formula with the correct shape   |  |  | | --- | --- | | 1. | A.     Triangle | | 2. | B.     Rectangle | | 3. | C.     Parallelogram | | 4. | 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 = ..... | [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 = ..... | [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 = ..... | [1] |
| **8)** Find the area of the shape below.   http://www.mathster.com/course/simgs/36708018225_5.png     Area = ..... | [1] |

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

|  |  |
| --- | --- |
| **1)** 1 D, 2 B, 3 A, 4 C | **2)** Area = 33 |
| **3)** Area = 18 | **4)** Area = 66 |
| **5)** Area = 50 | **6)** Area = 42 mm2 |
| **7)** Area = 48 | **8)** Area = 56 |