**Area of Quadrilaterals**

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| Name : | Class : | Date : |

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| **1)** Find the area of the rectangle      http://www.mathster.com/course/simgs/146832058000_1.png | [1]   |
| **2)** Find the area of the parallelogram if the perpendicular height from the base is 7 cm      http://www.mathster.com/course/simgs/146832058000_2.png | [1]   |
| **3)** Find the area of the trapezium      http://www.mathster.com/course/simgs/146832058000_3.png | [1]   |
| **4)** Find the area of the kite      http://www.mathster.com/course/simgs/146832058000_4.png | [1]   |
| **5)** Match each area formula with the correct shape

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| 1.      $A=l^{2}$  | A.     Rectangle  |
| 2.      $A=lw$  | B.     Square  |
| 3.      $A=\frac{1}{2}bh$  | C.     Circle  |
| 4.      $A=πr^{2}$  | D.     Triangle  |
| 5.      $A=bh$  | E.     Trapezium  |
| 6.      $A=\frac{l}{2}h(a+b)$  | F.     Parallelogram  |

      | [1]   |
| **6)** Find the missing dimension of the rectangle, given an area of 231  $cm^{2}$.      http://www.mathster.com/course/simgs/146832058000_5.png | [1]   |
| **7)** Find the missing dimension of the trapezium, given an area of 35  $cm^{2}$.      http://www.mathster.com/course/simgs/146832058000_6.png | [1]   |
| **8)** Find the length  $x$ of the parallelogram, given an area of 30  $cm^{2}$.      http://www.mathster.com/course/simgs/146832058000_7.png | [1]   |
| **9)** Find the area of the shape below.      http://www.mathster.com/course/simgs/146832058000_8.png | [1]   |
| **10)** Find the area of the shape below.      http://www.mathster.com/course/simgs/146832058000_9.png | [1]   |

**Solutions for the assessment Area of Quadrilaterals**

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| **1)** Area = 280  $cm^{2}$ | **2)** Area = 56  $cm^{2}$ |
| **3)** Area = 59.5  $cm^{2}$ | **4)** Area = 42  $cm^{2}$ |
| **5)** 1 B, 2 A, 3 D, 4 C, 5 F, 6 E | **6)**  $x$ = 21 cm |
| **7)**  $x$ = 3 cm | **8)**  $x$ = 5 cm |
| **9)** Area = 44 cm2 | **10)** Area = 56 cm2 |