**Basic Areas of 2D shapes**

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| **1)** Complete the table with names of quadrilaterals   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Shape | http://www.mathster.com/assessment/qimages/Trapezium50.png | http://www.mathster.com/assessment/qimages/Square50.png | http://www.mathster.com/assessment/qimages/Kite50_0.png | http://www.mathster.com/assessment/qimages/Parallelogram50.png | http://www.mathster.com/assessment/qimages/Rhombus50.png | http://www.mathster.com/assessment/qimages/Rectangle50.png | | Name |  |  |  |  |  |  | | [1] |
| **2)** Complete the table to show the properties of 4 shapes.   |  |  |  |  | | --- | --- | --- | --- | | **Shape** | **Number of sides** | **Number of right angles** | **All sides equal (yes or no)** | | http://www.mathster.com/assessment/qimages/Rectangle50_1.png | 4 | 4 | no | | http://www.mathster.com/assessment/qimages/0ra50b.png |  |  |  | | http://www.mathster.com/assessment/qimages/Rhombus50_1.png |  |  |  | | http://www.mathster.com/assessment/qimages/1ra50b.png |  |  |  | | [1] |
| **3)** Find the area of the rectangle        http://www.mathster.com/course/simgs/79289291880_1.png | [1] |
| **4)** Find the area of the triangle        http://www.mathster.com/course/simgs/79289291880_2.png | [1] |
| **5)** Find the area of the rhombus if the perpendicular height from the base is 8 cm        http://www.mathster.com/course/simgs/79289291880_3.png | [1] |
| **6)** Find the area of the kite        http://www.mathster.com/course/simgs/79289291880_4.png | [1] |
| **7)** Find the area of the trapezium        http://www.mathster.com/course/simgs/79289291880_5.png | [1] |

**Solutions for the assessment Basic Areas of 2D shapes**

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| **1)** Trapezium,Square,Kite,Parallelogram,Rhombus,Rectangle | **2)** 4, 0, no 4, 0, yes 4, 1, no |
| **3)** Area = 364 | **4)** Area = 40 |
| **5)** Area = 64 | **6)** Area = 30 |
| **7)** Area = 39 |  |