**Areas, Perimeters and Compound Shapes**

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| Name : | Class : | Date : |

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| **1)** Find the area and perimeter of the shape. Each square on the grid is 1 cm2.        http://www.mathster.com/course/simgs/30834738648_1.png | [1] |
| **2)** Find the area and perimeter of the square.      http://www.mathster.com/course/simgs/30834738648_2.png | [1] |
| **3)** Find the area and perimeter of the rectangle.      http://www.mathster.com/course/simgs/30834738648_3.png | [1] |
| **4)** Find the area and perimeter of the triangle.      http://www.mathster.com/course/simgs/30834738648_4.png | [1] |
| **5)** Find the area and perimeter of the parallelogram. http://www.mathster.com/course/simgs/30834738648_5.png | [1] |
| **6)** The length of a rectangle is 12 cm and its width is 7 cm. Find the **area** and **perimeter** of the rectangle. | [1] |
| **7)** Here is a figure made of two rectangles.   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | http://www.mathster.com/course/simgs/30834738648_6.png |  | |  |  |  | | --- | --- | --- | | (a) | What is the **perimeter** of the figure? |  | |  | | | | (b) | What is the **area** of the figure? |  | |  | | | | (c) | How much greater is the area of the figure than its perimeter? |  | | | [1] |
| **8)** Here is a figure made of two rectangles.   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | http://www.mathster.com/course/simgs/30834738648_7.png |  | |  |  |  | | --- | --- | --- | | (a) | What is the **perimeter** of the figure? |  | |  | | | | (b) | What is the **area** of the figure? |  | |  | | | | (c) | What is the difference between the area and the perimeter of the figure? |  | | | [1] |
| **9)** Find the area of the kite        http://www.mathster.com/course/simgs/30834738648_8.png | [1] |
| **10)** Find the area of the trapezium        http://www.mathster.com/course/simgs/30834738648_9.png | [1] |
| **11)** Find the area of the shape below.        http://www.mathster.com/course/simgs/30834738648_10.png | [1] |
| **12)** Find the area of the shape below.        http://www.mathster.com/course/simgs/30834738648_11.png | [1] |
| **13)** Find the area of the shape below.        http://www.mathster.com/course/simgs/30834738648_12.png | [1] |
| **14)** Find the area of the shape below.        http://www.mathster.com/course/simgs/30834738648_13.png | [1] |
| **15)** Find the area of the shape below.        http://www.mathster.com/course/simgs/30834738648_14.png | [1] |

**Solutions for the assessment Areas, Perimeters and Compound Shapes**

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| **1)** Area = 5 cm2, Perimeter = 12 cm | **2)** Area = 144cm2, Perimeter = 48cm |
| **3)** Area = 14cm2, Perimeter = 18cm | **4)** Area = 49.5cm2, Perimeter = 32cm |
| **5)** Area = 80cm2, Perimeter = 42cm | **6)** Area = 84cm2, Perimeter = 38cm |
| **7)** Perimeter = 40 cm, Area = 48 cm2, Difference = 8 | **8)** Perimeter = 30 cm, Area = 46 cm2, Difference = 16 |
| **9)** Area = 42 | **10)** Area = 56 |
| **11)** Area = 48 cm2 | **12)** Area = 46 cm2 |
| **13)** Area = 68 cm2 | **14)** Area = 35 cm2 |
| **15)** Area = 49 cm2 |  |