**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/61669477254_1.png | [1]   |
| **2)** Find the area and perimeter of the square.     http://www.mathster.com/course/simgs/61669477254_2.png                  | [1]   |
| **3)** Find the area and perimeter of the rectangle.     http://www.mathster.com/course/simgs/61669477254_3.png                  | [1]   |
| **4)** Find the area and perimeter of the triangle.     http://www.mathster.com/course/simgs/61669477254_4.png                  | [1]   |
| **5)** Find the area and perimeter of the parallelogram.http://www.mathster.com/course/simgs/61669477254_5.png                 | [1]   |
| **6)** The length of a rectangle is 11 cm and its width is 10 cm.Find the **area** and **perimeter** of the rectangle.                | [1]   |
| **7)** Here is a figure made of two rectangles.

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| (a) | What is the **perimeter** of the figure? |  |
|  |
| (b) | What is the **area** of the figure? |  |
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| (c) | How much greater is the area of the figure than its perimeter? |  |

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 | [1]   |
| **8)** Here is a figure made of two rectangles.

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| (a) | What is the **perimeter** of the figure? |  |
|  |
| (b) | What is the **area** of the figure? |  |
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| (c) | What is the difference between the area and the perimeter of the figure? |  |

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 | [1]   |
| **9)** Find the area of the kite      http://www.mathster.com/course/simgs/61669477254_8.png | [1]   |
| **10)** Find the area of the trapezium      http://www.mathster.com/course/simgs/61669477254_9.png | [1]   |
| **11)** Find the area of the shape below.      http://www.mathster.com/course/simgs/61669477254_10.png | [1]   |
| **12)** Find the area of the shape below.      http://www.mathster.com/course/simgs/61669477254_11.png | [1]   |
| **13)** Find the area of the shape below.      http://www.mathster.com/course/simgs/61669477254_12.png | [1]   |
| **14)** Find the area of the shape below.      http://www.mathster.com/course/simgs/61669477254_13.png | [1]   |
| **15)** Find the area of the shape below.      http://www.mathster.com/course/simgs/61669477254_14.png | [1]   |

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

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| --- | --- |
| **1)** Area = 4 cm2, Perimeter = 10 cm | **2)** Area = 144cm2, Perimeter = 48cm |
| **3)** Area = 18cm2, Perimeter = 18cm | **4)** Area = 54cm2, Perimeter = 34cm |
| **5)** Area = 30cm2, Perimeter = 24cm | **6)** Area = 110cm2, Perimeter = 42cm |
| **7)** Perimeter = 36 cm, Area = 44 cm2, Difference = 8 | **8)** Perimeter = 26 cm, Area = 33 cm2, Difference = 7 |
| **9)** Area = 40  $cm^{2}$ | **10)** Area = 37.5  $cm^{2}$ |
| **11)** Area = 62 cm2 | **12)** Area = 62 cm2 |
| **13)** Area = 54 cm2 | **14)** Area = 49.5 cm2 |
| **15)** Area = 57 cm2 |  |