What is a composite figure?

Find the area and perimeter of the following figures:

|  |
| --- |
| 1.
 |
| 1.

**16 m** |
| Find the area of the shaded region in the diagram below: |
| 1. 裰矺ዀ矵ષ矶矧
 |

**Practice: Composite Area and Perimeter**

Find the perimeter AND area of the following composite shapes:

|  |  |
| --- | --- |
| irregular polygona. | irregular polygonb. |
| c.irregular polygon | irregular polygond. |
| http://www.helpingwithmath.com/printables/worksheets/geometry/area14.gife.  | http://www.helpingwithmath.com/printables/worksheets/geometry/area15.giff.  |
| ANSWERS: a. P=20, A=18, b. P=24, A=33, c. P=32, A=36, d. P=52, A=78, e. P=32, A=23, f. P=48, A=76 |

**Practise: Composite Area and Perimeter**

Find the area of the shaded region in each diagram below:

|  |  |
| --- | --- |
| 3.5 cm1.2 cm  | 3.4 m1.2 m2.4 m4.6 m2.6 m7.3 m |
| 1. Find the area of the non-shaded region and the area of the shaded region, if the radius of one circle is 5mm.

  | 1. Find the area of the shaded region:

 |
| ANSWERS: 1) 10.81cm2, 2) 21.86m2, 3) nonshaded=471mm2, shaded=129mm2, 4) 51cm2 |