
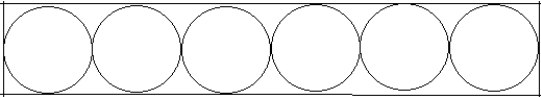
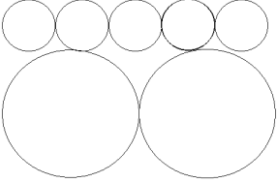
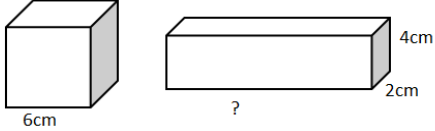
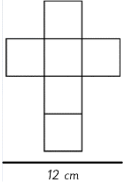
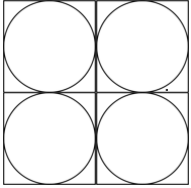
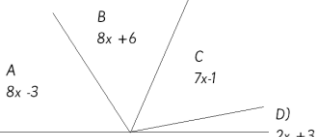
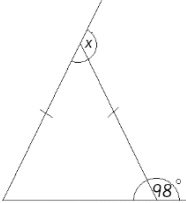
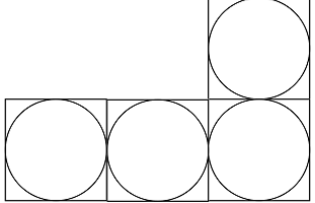
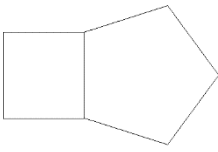
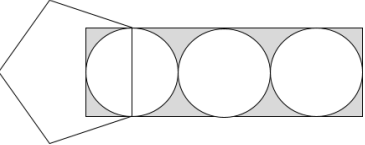


<p>1) These two shapes have the same perimeter. regular pentagon square</p>  <p>The length of each side of the pentagon is 8 cm. Calculate the area of the square.</p>	<p>2) The radius of each of these circles is 6cm. What is the area of this rectangle?</p> 
<p>3) 2 of the big circles are the same length as 5 of the small circles. One large circle has a diameter of 8cm. What is the radius of one of the smaller circles?</p> 	<p>4) A cube and a cuboid have the same volume. One edge of the cube is 6cm. 2 edges of the cuboid are 4 cm and 2 cm. What is the length of the other edge of the cuboid?</p> 
<p>5) A book measures 23.5 cm by 240 mm. What is the perimeter of the front cover?</p>	<p>6) The area of a football pitch is twice as big as its car park. The car park measures 42 metres by 96.4 metres. What's the area of the football pitch?</p>
<p>7) The width of this net is 12 cm. When it's folded up into a cube, what will the volume be?</p> 	<p>8) A square piece of paper measures 8cm by 8cm. A rectangular piece of paper is 1cm longer and 0.5 cm narrower. What is the difference in area between the two pieces of paper?</p>
<p>9) Each circle has a radius of 3.5 cm. What is the area of the whole shape?</p> 	<p>10) Work out each of the angles shown on this straight line (not drawn to scale).</p> 
<p>11) Work out the size of angle x (not drawn to scale).</p> 	<p>12) The radius of each circle is 2.5cm. What is the area and perimeter of the whole shape?</p> 
<p>13) The perimeter of the pentagon is 125cm. What is the area of the square?</p> 	<p>14) The perimeter of the regular pentagon is 60cm. What is the area of the grey rectangle?</p> 

- 1) 10 cm^2
- 2) 864 cm^2
- 3) 1.6 cm
- 4) 27 cm
- 5) 564 cm^2
- 6) 8097.6 m^2
- 7) 64 cm^3
- 8) Square = 64 cm^2 . Rectangle = 67.5 cm^2 . The difference is 3.5 cm^2 .
- 9) 196 cm^2
- 10) A) 53° B) 62° C) 48° D) 17°
- 11) 164°
- 12) Area = 100 cm^2 Perimeter = 50 cm
- 13) 10 cm^2
- 14) 432 cm^2