Perimeter

Name: [   ]

1. Calculate the perimeter of this shape.

   0.75m
   5m   5m
   5m   16.1m   5m
   5m   1.1m   5m
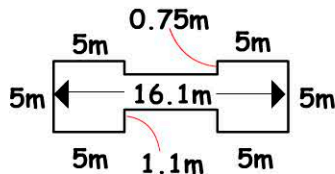
   ○ **45.7 m**   ○ **45.9 m**
   ○ **45.8 m**   ○ **50 m**

2.
   24m
   P = 59.6m   y
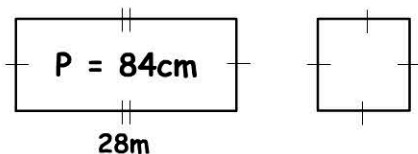   10m   10m
   7m
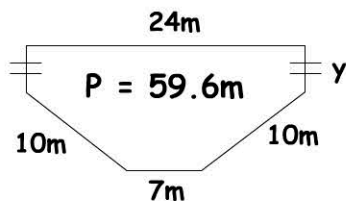
   Length of y = [   ] m

3. What is the radius of a circle with a circumference of 25.12 cm? To calculate the circumference of a circle multiply the diameter by pi 3.14).

   ○ **2cm**   ○ **6cm**
   ○ **4cm**   ○ **8cm**

4. What's the perimeter of the square?

   P = 84cm
   28m

   ○ **28 cm**   ○ **48 cm**
   ○ **42 cm**   ○ **56 cm**

5. Perimeter of nonagon = 131.4cm
   Length of each side =
   ○ **13.1 cm**   ○ **16.4 cm**
   ○ **14.6 cm**   ○ **18.7 cm**

6. The perimeter of a square is 24 cm. What is the perimeter of the shape made from joining three squares end to end?

   ○ **48 cm**   ○ **144 cm**
   ○ **288 cm**   ○ **96 cm**

7. A cyclist travels at an average speed of 20 km/h around a course completing the race in 6hrs. What is the distance of the course?
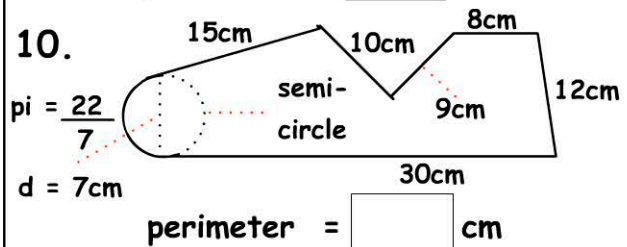
   ○ **120 km**   ○ **240 km**
   ○ **200 km**   ○ **3.3 km**

8. What is the circumference of a circular track that has a radius of 85m. (pi = 3.14)

   ○ **133.45 m**   ○ **533.8 m**
   ○ **26.69 km**   ○ **266.9 m**

9. Shape = isosceles triangle
   sides = 6.3 cm P = 21.7 cm
   Length of base= [   ] cm

10.
   15cm   10cm   8cm
   pi = 22/7   semi-   9cm   12cm
                circle
   d = 7cm   30cm

   perimeter = [   ] cm

www.studyladder.com