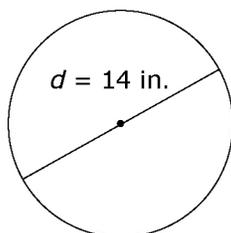


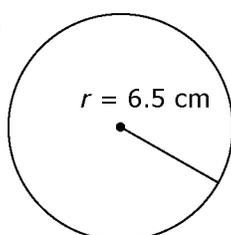
## Section 2.4 Extra Practice

1. Determine the circumference of each circle, to the nearest unit.

a)



b)



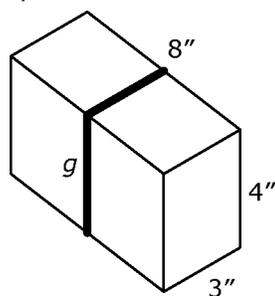
2. What is the perimeter of each rectangle?

a)  $l = 16.2$  cm,  $w = 24.8$  cm

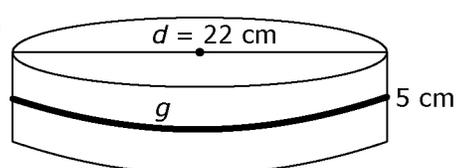
b)  $l = 9$  in.,  $w = 7\frac{1}{2}$  in.

3. What is the length + girth measurement of each shipping box, to the nearest unit?

a)



b)



4. What is the midpoint of each length measurement?

a) 45" b) 30.8 cm

c)  $24\frac{1}{2}$  in. d)  $12\frac{3}{4}$  in.

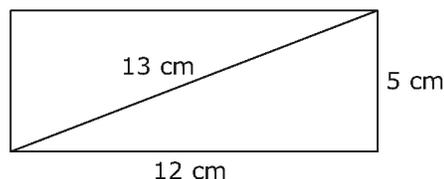
5. Double each measurement.

a) 9" b) 230.2 cm

c)  $35\frac{1}{2}$  in. d)  $13\frac{5}{8}$  in.

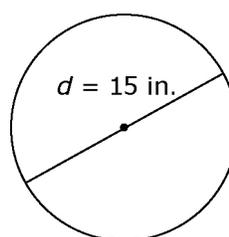
6. Convert each SI answer from #5 to metres. Convert each imperial answer to feet and inches.

7. What is the midpoint of each measurement?

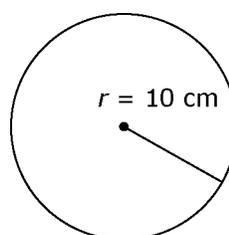


8. Determine the midpoint of the diameter of each circle.

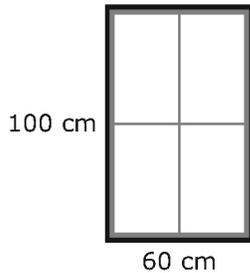
a)



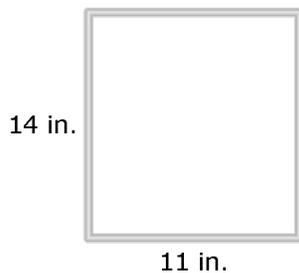
b)



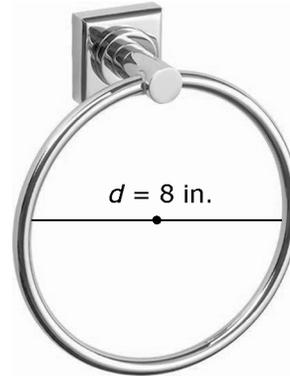
- 9.** Jack is installing trim around a window that measures 60 cm by 100 cm. Calculate the amount of trim that he needs to buy. Express your answer in metres and in centimetres.



- 10.** A family portrait measuring 11 in. by 14 in. is being framed. Calculate the total amount of framing needed. Express your answer in feet and inches and in inches.



- 11.** A towel ring has a diameter of 8 in. What is the circumference of the towel ring, to the nearest inch?



- 12.** Stella plans to put a door knob in the middle of her closet door. The door is 36 cm wide and 200 cm tall.
- Sketch and label a diagram.
  - At what width and height should she install the door knob?

