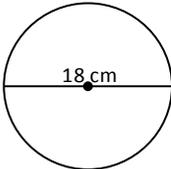# The Circle

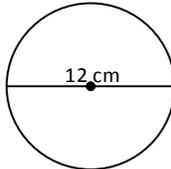**Exercise 1**

Find the **circumference** ($C = \pi d$) of the following circles
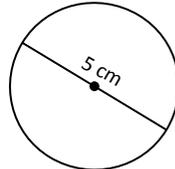
1)

18 cm

2)

12 cm

3)

5 cm

4)

28 m

5)

8 cm

6)

15 m

7)

3.2 cm

8)

22 m

9)

52 cm

10)

17 cm

11)

5 cm

12)

34 m
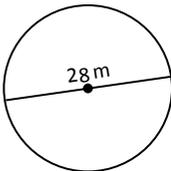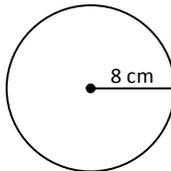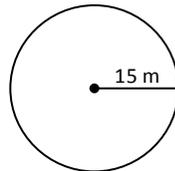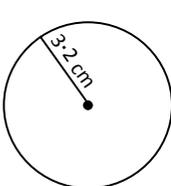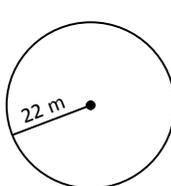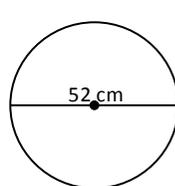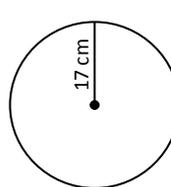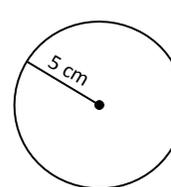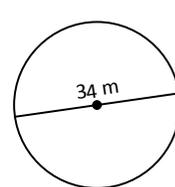
Exercise 2

Find the **circumference** ($C = \pi d$) of the following circles

1) diameter = 2 m   **2)** diameter = 20 m   **3)** diameter = 54 cm

4) diameter = 4·2 m   **5)** diameter = 12·6 cm   **6)** diameter = 6·3 cm

7) radius = 2 cm   **8)** radius = 6 m   **9)** radius = 50 m

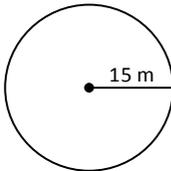**10)** radius = 3·2 cm   **11)** radius = 8·4 m   **12)** radius = 12·6 cm

Exercise 3

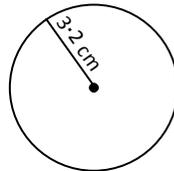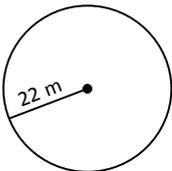Find the **area** ($A = \pi r^2$) of the following circles

1)

8 cm

2)

15 m

3)

3·2 cm

4)

22 m

5)

18 cm

6)

12 cm

7)

5 cm

8)

28 m

9)

24 cm

10)

17 cm

11)

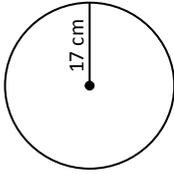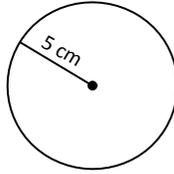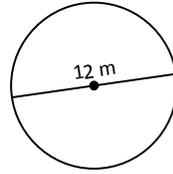5 cm

12)

12 m
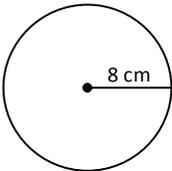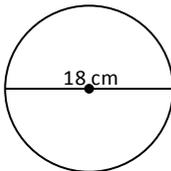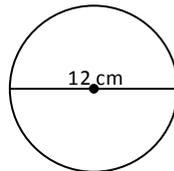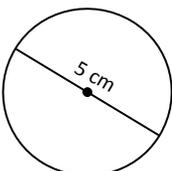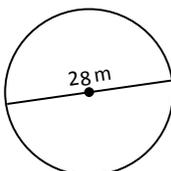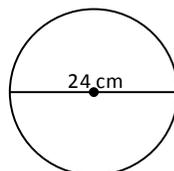
Exercise 4

Find the **area** ($A = \pi r^2$) of the following circles

1) radius = 2 m

2) radius = 10 m

3) radius = 14 cm

4) radius = 4·2 m

5) diameter = 8 cm

6) diameter = 10 cm

7) diameter = 20 cm

8) diameter = 6 m

9) radius = 50 m

10) radius = 3·2 cm

11) diameter = 8·4 m

12) radius = 12·6 cm

13) diameter = 28 m

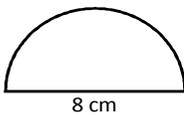**14)** diameter = 7·4 cm

15) radius = 19 m

16) diameter = 264 cm

Exercise 5

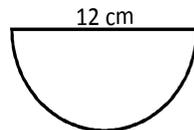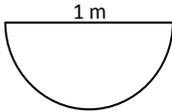Find the **area** of the following shapes

1)

8 cm

2)

6 cm

3)

12 cm

4)

1 m

5)

9 m

6)

2 m

7)

5 cm

8)

11 m

9)

0·7 m

10)

20 m

11)

12 cm

12)
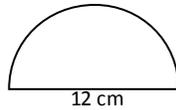

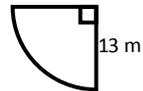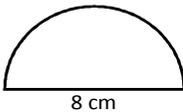13 m
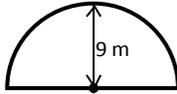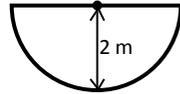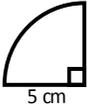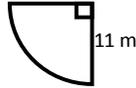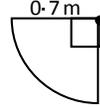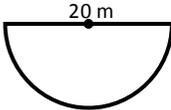
Exercise 6

Find the **perimeter** of the following shapes

1)

8 cm

2)

6 cm

3)

12 cm

4)

1 m

5)

9 m

6)

2 m

7)

5 cm

8)

11 m