The Circle

Exercise 1

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

1) \( 18 \text{ cm} \)
2) \( 12 \text{ cm} \)
3) \( 5 \text{ cm} \)
4) \( 28 \text{ m} \)
5) \( 8 \text{ cm} \)
6) \( 15 \text{ m} \)
7) \( 3.2 \text{ cm} \)
8) \( 22 \text{ m} \)
9) \( 52 \text{ cm} \)
10) \( 17 \text{ cm} \)
11) \( 5 \text{ cm} \)
12) \( 34 \text{ m} \)
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\cdot2 m  
5) diameter = 12\cdot6 cm  
6) diameter = 6\cdot3 cm  
7) radius = 2 cm  
8) radius = 6 m  
9) radius = 50 m  
10) radius = 3\cdot2 cm  
11) radius = 8\cdot4 m  
12) radius = 12\cdot6 cm

Exercise 3

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

1) 
2) 
3) 
4) 
5) 
6) 
7) 
8) 
9)
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)  
2)  
3)
Exercise 6

Find the **perimeter** of the following shapes