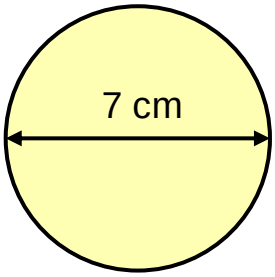
L6
Grade D
Progression: Light

Circumference

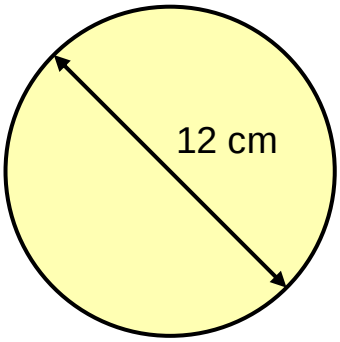
ANSWERS

Section A

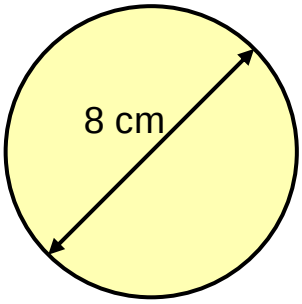
1)



2)



3)

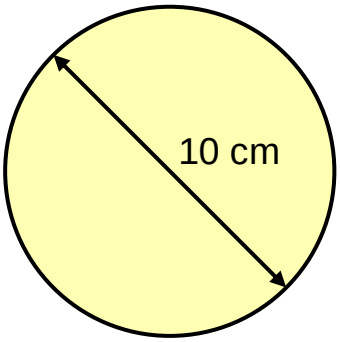


Circumference = πd
Circumference = π x diameter
Circumference = 21.99 cm

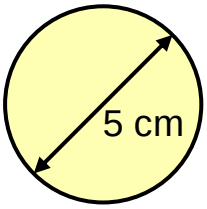
Circumference = πd
Circumference = π x diameter
Circumference = 37.70 cm

Circumference = πd
Circumference = π x diameter
Circumference = 25.13 cm

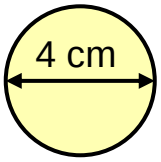
4)



5)



6)



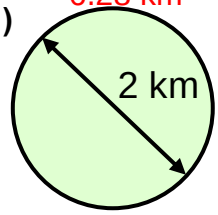
Circumference = πd
Circumference = π x diameter
Circumference = 31.42 cm

Circumference = πd
Circumference = π x diameter
Circumference = 15.71 cm

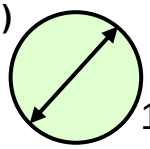
Circumference = πd
Circumference = π x diameter
Circumference = 12.57 cm

Section B

1) 6.28 km

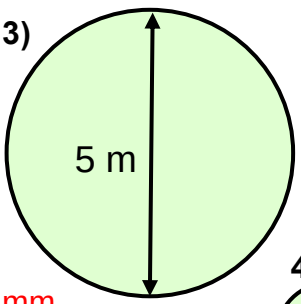


2)

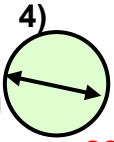


47.12 mm
15 mm

3) 15.71 m

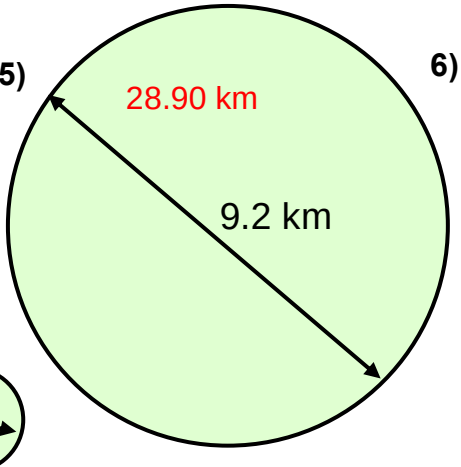


4)

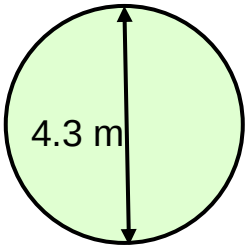


9 mm
28.27 mm

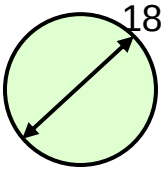
5)



6) 13.51 m



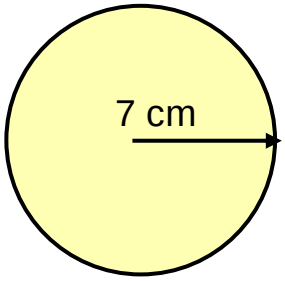
7)



56.55 mm

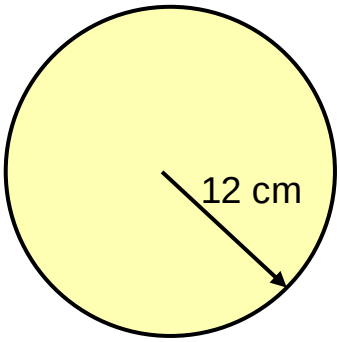
Section C

1)



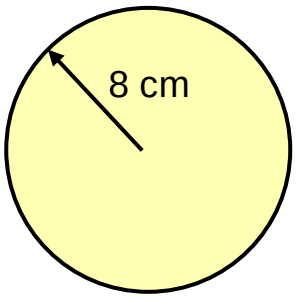
Circumference = πd
Circumference = π x diameter
Circumference = 43.98 cm

2)



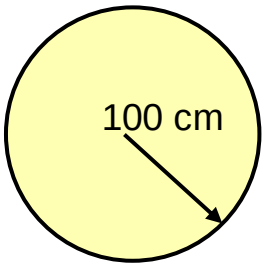
Circumference = πd
Circumference = π x diameter
Circumference = 75.40 cm

3)



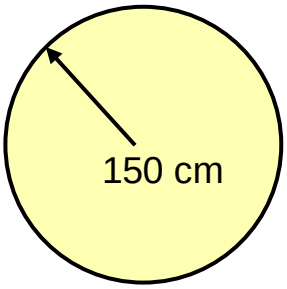
Circumference = πd
Circumference = π x diameter
Circumference = 50.27 cm

4)



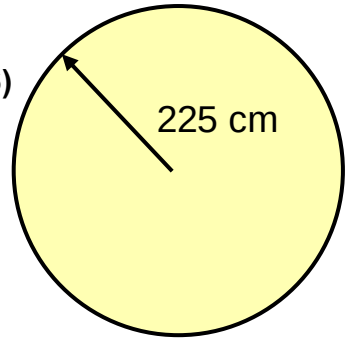
Circumference = πd
Circumference = π x diameter
Circumference = 628.32 cm

5)



Circumference = πd
Circumference = π x diameter
Circumference = 942.48 cm

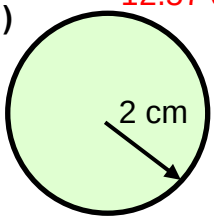
6)



Circumference = πd
Circumference = π x diameter
Circumference = 1413.72 cm

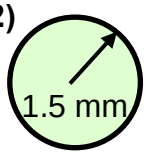
Section D

1)



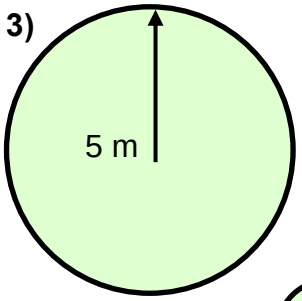
12.57 cm

2)



9.42 mm

3)

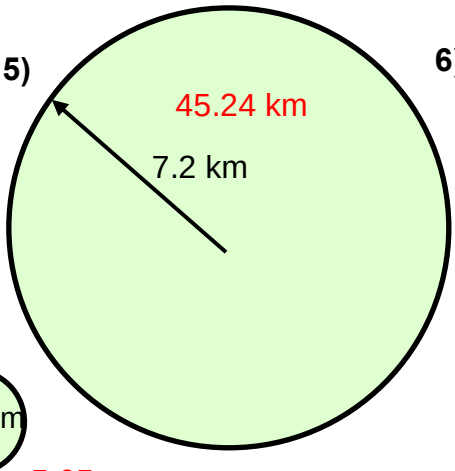


31.42 m

4)

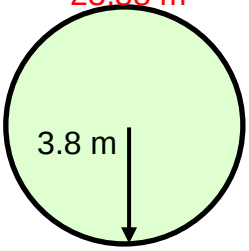
5.65 mm

5)



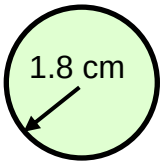
45.24 km

6)



23.88 m

7)



11.31 cm