Math 8IB   Name_____ ID: 1
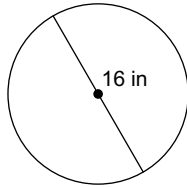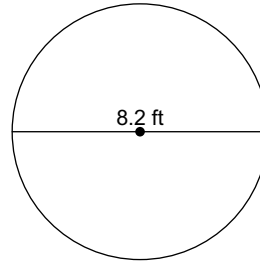# Circumference of a Circle

Find the circumference of each circle. Use your calculator's value of π. Round your answer to the nearest tenth.
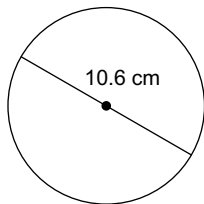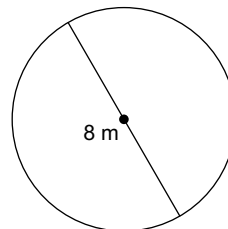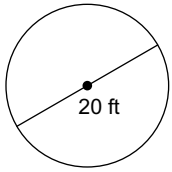
1)

16 in

2)

8.2 ft

3)

10.6 cm

4)

8 m

5)

20 ft

6)

9 km

7)

7 km

8)

7.3 cm

9)

8.6 m

10)

3 mi

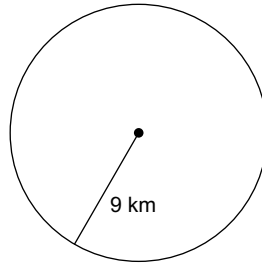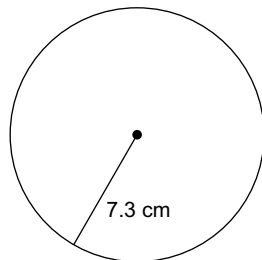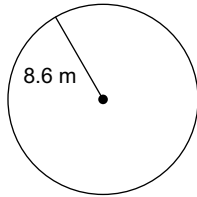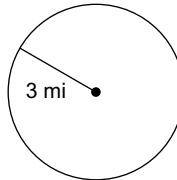**Find the diameter of each circle. Use your calculator's value of π. Round your answer to the nearest tenth.**

11) circumference = **35.8** mi

12) circumference = **70.4** cm

13) circumference = **50.3** ft

14) circumference = **65.3** mi

15) circumference = **49.6** ft

Find the radius of each circle. Use your calculator's value of π. Round your answer to the nearest tenth.

16) circumference = 25.1 ft

17) circumference = 42.1 mi

18) circumference = **40.2** mi

19) circumference = **63.5** m

20) circumference = 18.8 in

Answers to Circumference of a Circle (ID: 1)

1) **50.3** in
2) **25.8** ft
3) **33.3** cm
4) **25.1** m
5) **62.8** ft
6) **56.5** km
7) **44** km
8) **45.9** cm
9) **54** m
10) **18.8** mi
11) **11.4** mi
12) **22.4** cm
13) **16** ft
14) **20.8** mi
15) **15.8** ft
16) **4** ft
17) **6.7** mi
18) **6.4** mi
19) **10.1** m
20) **3** in