Find the circumference of each circle. Leave answers in terms of π.

1)
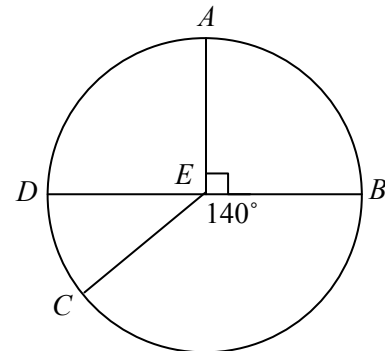
15

2)

10
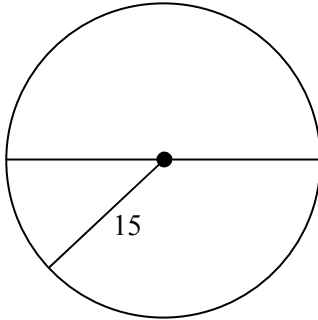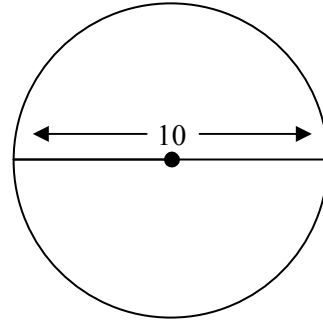
Find the measure of each arc in ⊙E.

3) $\overarc{AD}$

4) $\overarc{DC}$

5) $\overarc{CBA}$

6) $\overarc{CB}$

A

D   E   B

140°

C

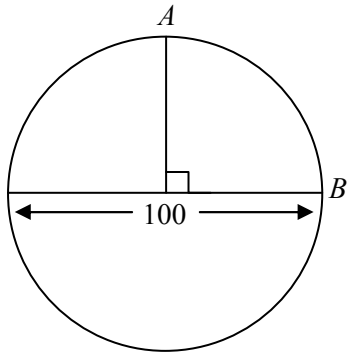**⊙E has a radius of 6. Find the length of each arc.**

7) $\overarc{AD}$

8) $\overarc{DC}$

Find the measure of each arc. Leave answers in terms of π.

9) $\overset{\frown}{AB}$

A

B

100

10) $\overset{\frown}{HFG}$

G

H

F

18

40°

Answer Key

1) 30π

2) 10π

3) 90

4) 40

5) 230

6) 140

7) 3π

8) $4\pi/3$

9) 25π

10) 32π