

Arc Length and Sector Area

Refer to the circles at the right to find the length of the indicated arc.

1) \widehat{BC}

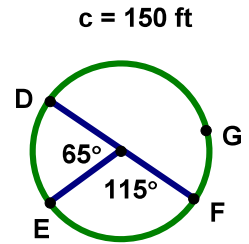
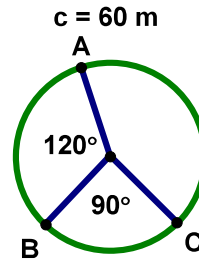
2) \widehat{AB}

3) \widehat{EF}

4) \widehat{DE}

5) \widehat{AC}

6) \widehat{DGF}



Refer to the circles at the right to find the length of the indicated arc.

7) \widehat{BA}

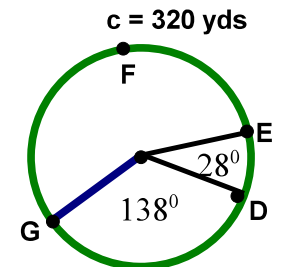
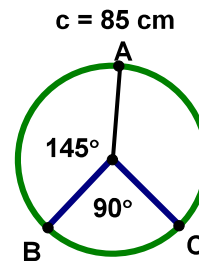
8) \widehat{DE}

9) \widehat{DG}

10) \widehat{AC}

11) \widehat{ACB}

12) \widehat{DGE}



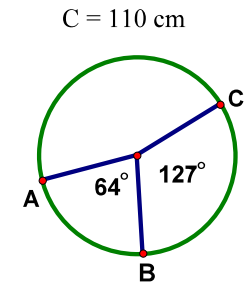
Find the length of each arc.

13) \widehat{AB}

14) \widehat{AC}

15) \widehat{ABC}

16) \widehat{BAC}



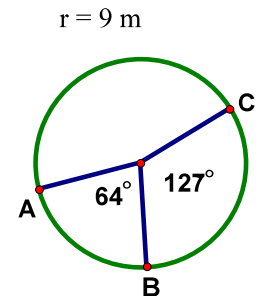
Find the area of the sector defined by the given arc.

17) \widehat{AB}

18) \widehat{AC}

19) \widehat{ABC}

20) \widehat{BAC}



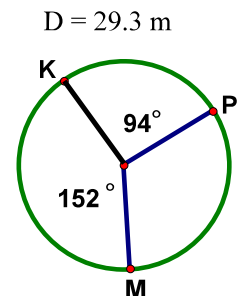
Find the length of each arc.

21) \widehat{PK}

22) \widehat{MP}

23) \widehat{PMK}

24) \widehat{KPM}



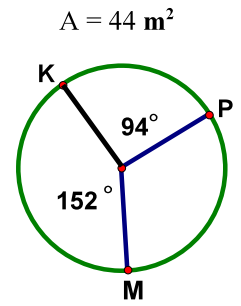
Find the area of each sector.

25) \widehat{PK}

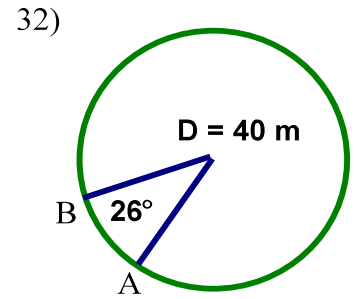
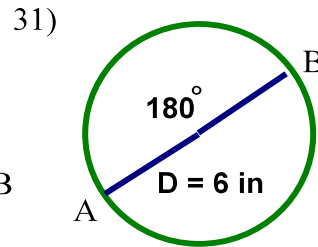
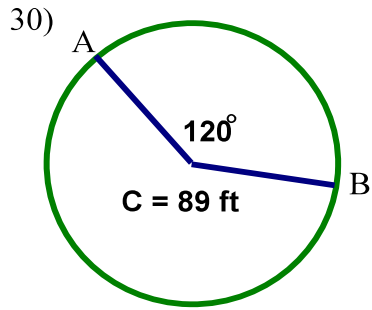
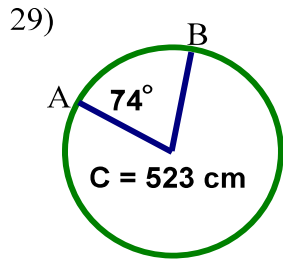
26) \widehat{MP}

27) \widehat{PMK}

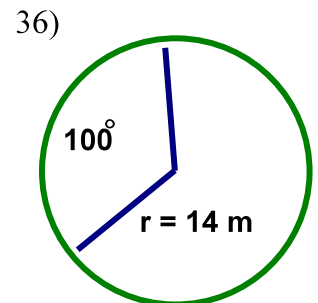
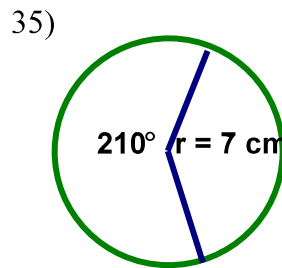
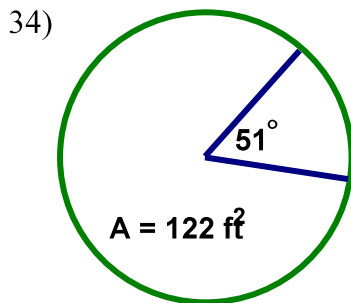
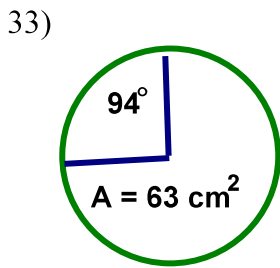
28) \widehat{KPM}



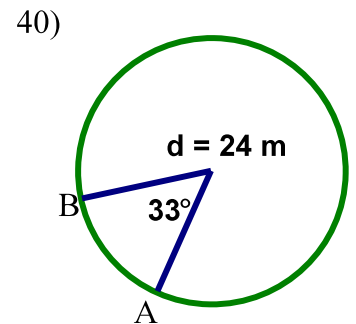
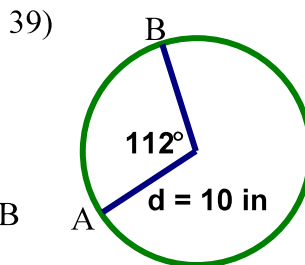
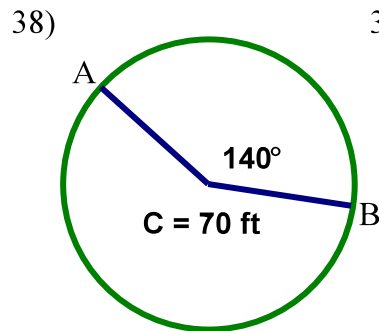
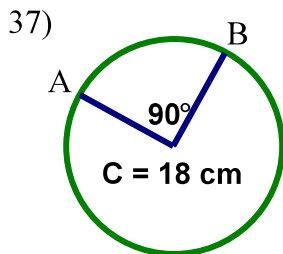
Given some information about each circle below, find the length of minor arc AB.



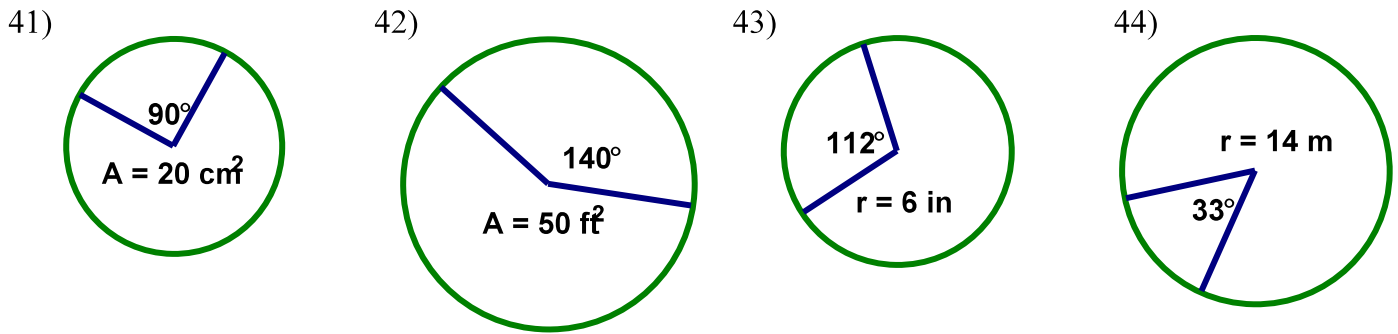
Given some information about each circle below, find the area of the sector.



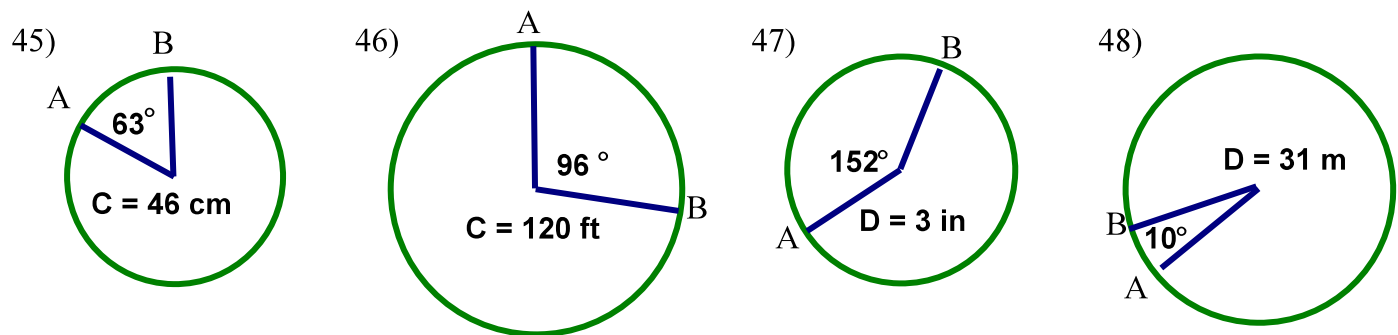
Given some information about each circle below, find the length of minor arc AB.



Given some information about each circle below, find the area of the sector.



Given some information about each circle below, find the length of minor arc AB.



Given some information about each circle below, find the area of the sector.

