Name : _____

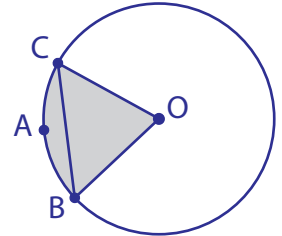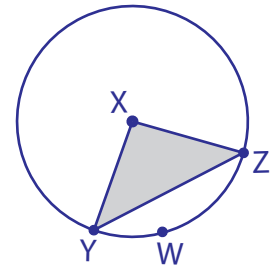## Area of a segment

Round the answers to two decimal places.
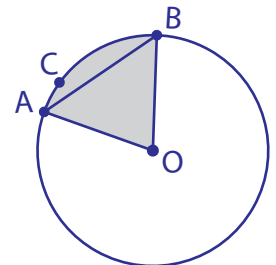
1) The triangle has base 24 in and height 16 in. If the area of a segment is 66 in², then find the area of a sector made by the chord.
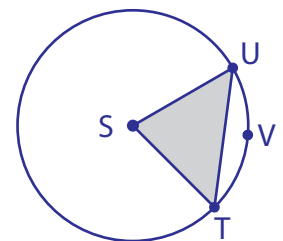
   _____

2) If the area of a segment made by the chord is 83 yd² and the circle has radius 17 yd and the central angle is a right angle, t
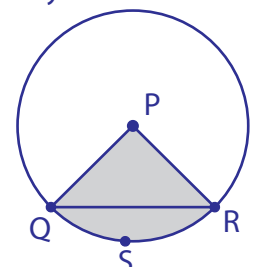
   _____

3) The triangle has base 1   ned is 17 ft². Find the area of the sector.

   _____

4) If the area of a segmen   e chord which subtends an angle of 75⁰ and the ra

   _____

5) The triangle has base 12 yd and height 6 yd and the area of a segment so formed is 21 yd². Find the area of the segment.

   _____