

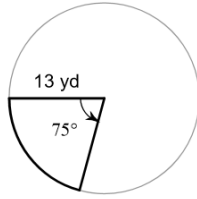
11.6 part 1

Monday, April 10, 2017 9:21 AM

Assignment

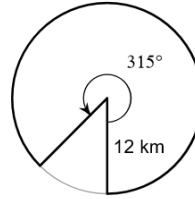
Find the area of each sector.

1)



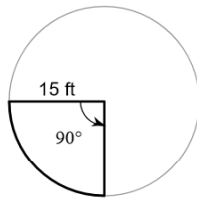
- A) None of these
- B) $\frac{11\pi}{12} \text{ yd}^2$
- C) $\frac{65\pi}{12} \text{ yd}^2$
- D) $\frac{9\pi}{2} \text{ yd}^2$
- E) $\frac{845\pi}{24} \text{ yd}^2$

2)



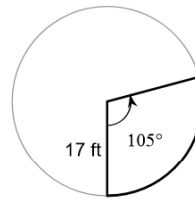
- A) $21\pi \text{ km}^2$
- B) $\frac{91\pi}{6} \text{ km}^2$
- C) None of these
- D) $\frac{95\pi}{6} \text{ km}^2$
- E) $126\pi \text{ km}^2$

3)



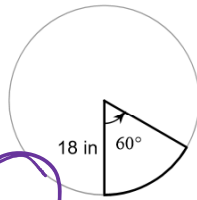
- A) $20250\pi \text{ ft}^2$
- B) $\frac{125\pi}{6} \text{ ft}^2$
- C) None of these
- D) $\frac{15\pi}{2} \text{ ft}^2$
- E) $\frac{225\pi}{4} \text{ ft}^2$

4)



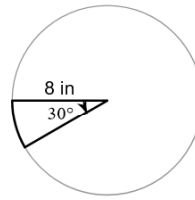
- A) $\frac{867\pi}{4} \text{ ft}^2$
- B) $\frac{2023\pi}{24} \text{ ft}^2$
- C) $34\pi \text{ ft}^2$
- D) None of these
- E) $\frac{51\pi}{2} \text{ ft}^2$

5)



- A) $54\pi \text{ in}^2$
- B) $6\pi \text{ in}^2$
- C) $\frac{15\pi}{2} \text{ in}^2$
- D) None of these
- E) $\frac{7\pi}{6} \text{ in}^2$

6)



- A) $480\pi \text{ in}^2$
- B) $\frac{4\pi}{3} \text{ in}^2$
- C) $\frac{27\pi}{2} \text{ in}^2$
- D) None of these
- E) $\frac{16\pi}{3} \text{ in}^2$