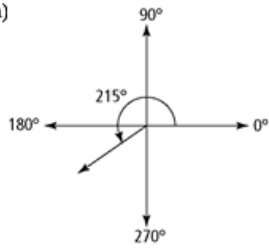


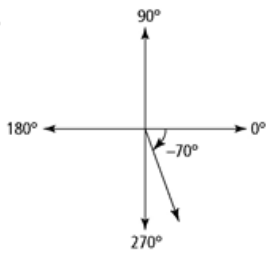
BLM 4-2 Section 4.1 Extra Practice

1. a)



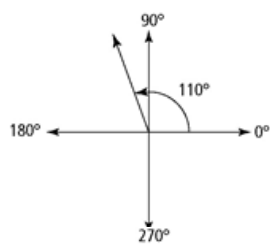
quadrant III

b)



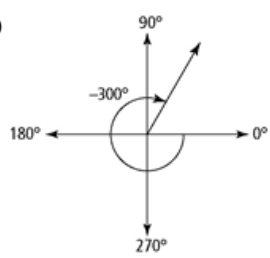
quadrant IV

c)



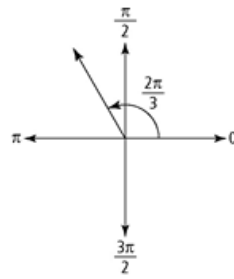
quadrant II

d)



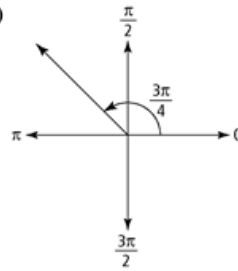
quadrant I

2. a)



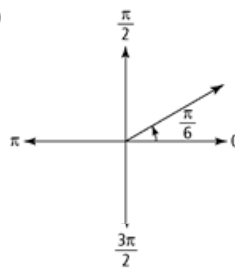
quadrant II

b)



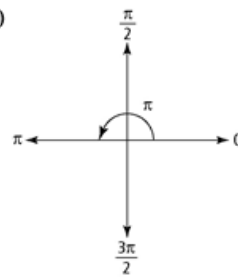
quadrant II

c)



quadrant I

d)



no quadrant

3. a) $\frac{5\pi}{6}$, 2.62 b) $\frac{4\pi}{3}$, 4.19
c) $\frac{\pi}{4}$, 0.79 d) $\frac{31\pi}{18}$, 5.41
4. a) 144° b) 150° c) 123.75° d) -315°
5. a) 183° b) 229° c) 344° d) -143°
6. a) 810° , 1170° b) $\frac{11\pi}{5}$, $\frac{21\pi}{5}$ c) 7.98, 14.27
7. a) subtract 360°
b) subtract 2π , and use fractions to determine the exact value
c) subtract 2π using your calculator, and then round your answer to the required accuracy
8. a) $75^\circ \pm (360^\circ)n$, where n is a natural number
b) $\left(\frac{\pi}{3} \pm 2\pi n\right)$ radians, where n is a natural number
c) $(1 \pm 2\pi n)$ radians, where n is a natural number
9. 20.9 cm
10. 1.43 radians