Answers to Worksheet 9 - Lesson 32

1) (a) 60°
   (b) 120°
   (c) 45°
   (d) 135°
   (e) -30°
   (f) -60°

2) $\theta = 45° + 360°k$ and
   $\theta = 135° + 360°k$,   k any integer

3) $\theta = 150° + 360°k$ and
   $\theta = 210° + 360°k$,   for any integer k

4) $\theta = 30° + 360°k$,   for any integer k
   $\theta = 210° + 360°k$

5) $\dfrac{\sqrt{3}}{2}$

6) $5 \cdot \dfrac{\sqrt{41}}{41}$

7) $\dfrac{\sqrt{3}}{2}$

8) 135°