

**SM3 8.5 answers (odds)**

1.  $x = -3$

3.  $x = \frac{1}{2}$

5. b)  $45^\circ, \frac{\pi}{4}$

e)  $225^\circ, \frac{5\pi}{4}$

7. b)  $30^\circ, \frac{\pi}{6}$

e)  $210^\circ, \frac{7\pi}{6}$

9. b)  $60^\circ, \frac{\pi}{3}$

e)  $120^\circ, \frac{2\pi}{3}$

11.  $60^\circ, 240^\circ, \frac{\pi}{3}, \frac{4\pi}{3}$

13.  $135^\circ, 315^\circ, \frac{3\pi}{4}, \frac{7\pi}{4}$

15.  $225^\circ, 315^\circ, \frac{5\pi}{4}, \frac{7\pi}{4}$

17.  $120^\circ, 300^\circ$

19.  $135^\circ, 315^\circ$

21.  $30^\circ, 150^\circ$

23.  $225^\circ, 315^\circ$

25.  $510^\circ$

27.  $585^\circ, -135^\circ$

29.  $60^\circ$