

Trigonometry Boot Camp - Practice Exercises -Answers

Each answer has a timestamp; that timestamp is the point in the solutions video at which the solution to that problem begins.

1. (a) $-\frac{1}{2}$ (0:00)
(b) -1 (3:00)
(c) 1 (4:30)
(d) -2 (6:40)
(e) $\frac{1}{\sqrt{3}}$ (8:55)
(f) $\sqrt{2}$ (10:53)

2. (a) $\frac{7\pi}{6}, \frac{11\pi}{6}$ (13:05)
(b) $\frac{\pi}{4}, \frac{7\pi}{4}$ (17:17)
(c) $-\frac{2\pi}{3}, \frac{\pi}{3}$ (20:12)

3. (a) $\frac{\pi}{3}, \frac{2\pi}{3}, \frac{4\pi}{3}, \frac{5\pi}{3}$ (25:35)
(b) $\frac{\pi}{6}, \frac{5\pi}{6}, \frac{3\pi}{2}$ (30:00)
(c) $\frac{\pi}{12}, \frac{3\pi}{12}, \frac{9\pi}{12}, \frac{11\pi}{12}, \frac{17\pi}{12}, \frac{19\pi}{12}$ (35:49)
(d) $\frac{\pi}{3}, \frac{\pi}{2}, \frac{3\pi}{2}, \frac{5\pi}{3}$ (40:35)