

Solve each of the following equations where $0^\circ \leq \theta \leq 360^\circ$.

a) $10\cos\theta = 5$

b) $\sqrt{3} + 2\cos\theta = 0$

c) $2\sin\theta - 1 = 0$

d) $2\sin\theta + 3 = 3 - \sqrt{2}$

e) $2\sin\theta = -\sqrt{3}$

f) $4\cos\theta - 5 = -7$