

Assignment #4 Finding Multiple Angles (Due date May 14/20)

1. Find the quadrant where each statement is correct.

a) $\cos \theta > 0$ and $\sin \theta < 0$

b) $\tan \theta < 0$ and $\sin \theta > 0$

2. Find all the angles for each trigonometric ratio for the restriction $0^\circ \leq \theta \leq 360^\circ$.

a) $\cos \theta = 0.6428$

d) $\cos \theta = -0.3420$

b) $\sin \theta = 0.9848$

e) $\sin \theta = -0.7071$

c) $\tan \theta = 0.3640$

f) $\tan \theta = -1.7321$