

MCR3UI Unit 5 Skill Reflection # 4

**PLEASE DO NOT WRITE ON THIS PAPER.
RECORD ALL ANSWERS ON SCRAP PAPER.**

1. Complete each of the following tables.

Related Acute Angle β	Quadrant	Sketch	Principal Angle θ
50°	2		

Related Acute Angle β	Quadrant	Sketch	Principal Angle θ
			250°

2. The point (5, -12) is on the terminal arm of an angle θ in standard position.

a) Find the trig ratios $\sin\theta$, $\cos\theta$ and $\tan\theta$.

b) Determine the value of θ , to the nearest degree.

3. Determine all possible values of θ (to the nearest degree) if $\sin\theta = -0.966$ and $0^\circ < \theta < 360^\circ$.