Math 1316 - Trigonometry **Quiz** Name _____

Instructor: Fred Khoury

1) Find the supplement of an angle whose measure is 112°. 1) _____

A) 202° B) 68° C) -22° D) 292°

2) Given the point (9, 12); Find csc θ. 2) _____

A) $\frac{5}{4}$ B) $\frac{3}{4}$ C) $\frac{5}{3}$ D) $\frac{4}{3}$

3) Given the point (-5, 7); Find tan θ. 3) _____

A) $-\frac{7}{5}$ B) $-\frac{5}{7}$ C) $\frac{7}{9}$ D) $-\frac{5}{9}$

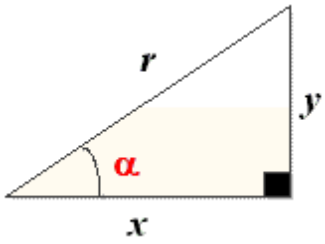
4) Find cos θ, if sec θ = -7 4) _____

A) $-\frac{1}{7}$ B) $\frac{1}{6}$ C) $-\frac{1}{6}$ D) $\frac{1}{7}$

5) Find sin θ if cos θ = $\frac{2}{3}$ and θ is in quadrant IV. 5) _____

A) $-\frac{3}{2}$ B) $-\frac{\sqrt{5}}{3}$ C) $\frac{5}{4}$ D) $\frac{3\sqrt{7}}{7}$

6) Consider the right triangle given by:



a) Find the following in *x*, *y*, *r*

sin α =

cos α =

tan α =

b) if *x* = 3 and *y* = 4 *r* = _____ and sin α =

1) B
2) A
3) A
4) A
5) B
6)