### Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Slot: \_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Accountability Check: Trigonometry #1 /18 Pre-Calculus 30S**

1. Find the exact value for sinθ, cosθ, and tanθ for the angle whose terminal arm passes through the point given. Then find the value of θ to the nearest degree. Draw a diagram.
	1. (4,-5)

(5)



1. a) Sketch the angle 170˚in standard position.



(3)

1. Find the reference angle θr.
2. Identify the other 3 angles from that have the same reference angle.
3. To the nearest degree, which **angles** satisfy the following equations from [0˚, 360˚]. For exact values, use the unit circle, for non-exact values, use your calculator. Draw a diagram.

$$a) cosθ=\frac{-1}{3} b) sin θ=\frac{-1}{2}$$

(4)

1. Using the unit circle only, **no calculator**, find the sine, cosine, and tangent of the following angles. First sketch the angle and also identify its reference angle.
	1. 225˚
	2. 270˚

(6)

* 1. 120˚
	2. 330˚