Trig Assignment #2 – 5/5/20

1. For each of the following angles, state the ***quadrant*** the terminal ray of the angles falls within.

1.  (b)  (c) 

Quadrant 2 Quadrant 3 Quadrant 3

(d)  (e)  (f) 

Quadrant 1 Quadrant 1 Quadrant 3

2. For each of the following angles, determine the ***reference angle***.

(a)  (b)  (c) 

65 110 50

(d)  (e)  (f)

62 65 72

3. Give two angles that are ***coterminal*** with each of the following angles. Make one of the

coterminal angles positive and one negative.

1.  (b)  (c)  (d) 

465 580 440 115



-255 -140 -280 -605

4. When drawn in standard position, which of the following angles is coterminal to one that

measures 

1.  (3) 



1.  (4) 



5. Which of the following angles, when drawn in standard position, would *not* be coterminal with

an angle that measures 

1.  (3) 
2.  (4) 720°



6. Which of the following angles would *not* have a reference angle equal to 

1.  (3) 



1.  (4) 



7. Angles are a measurement of rotation about a point. Are two coterminal angles the same



rotation? Explain your answer. Diagrams are helpful.

Two conterminal angles would not have the same rotation.

