1. The angle 210 is equivalent to
   1. degrees (2) degrees

(3) radians (4) radians

2. What is the value of

1. (2)

(3) (4)

3. If and ,

1. Quadrant I (2) Quadrant II

(3) Quadrant III (4) Quadrant IV

4. The exact value of is

1. (2)

(3) (4)

5. An angle of on the unit circle has coordinates of

1. (2)

(3) (0, -1) (4) (-1, 0)

6. If , then the angle could terminate in quadrants

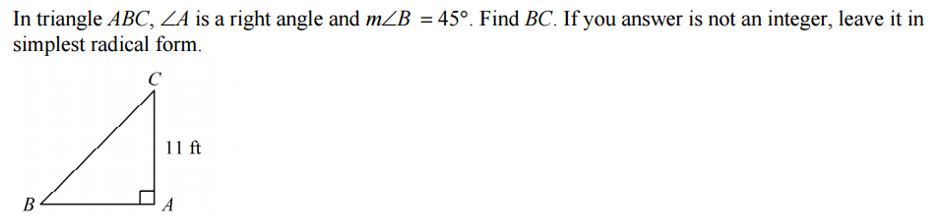
1. II or III (2) II or IV

(3) I or IV (4) III or IV

7. The exact value of is:

1. (2)

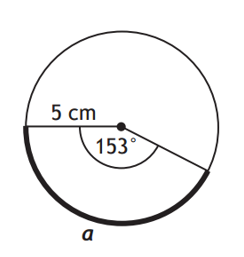
(3) (4)

8. 

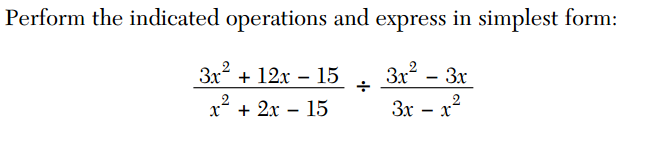
1. (2)

(3) (4)

9. Calculate the value of in the diagram below



10. Simplify to lowest terms.



11.

12. Given that and then calculate each of the following:

(a)

(b)

(c)

(d)

(e)

(f) The value of to the nearest tenth of a degree