

**PRACTICE Quiz 1.2 Trigonometric Functions****Find the exact value of each trigonometric function.**

1)  $\tan 180^\circ$

2)  $\sin 180^\circ$

3)  $\tan 90^\circ$

4)  $\cot 180^\circ$

5)  $\sec 180^\circ$

6)  $\csc 90^\circ$

**Use the given point on the terminal side of angle  $\theta$  to find the value of the trigonometric function indicated.**

7)  $\tan \theta; (-17, -11)$

8)  $\cot \theta; (-13, -20)$

9)  $\cos \theta; (9, \sqrt{19})$

10)  $\sin \theta; (7, \sqrt{15})$

11)  $\cos \theta; (-2\sqrt{3}, -2)$

12)  $\csc \theta; (-2, 2\sqrt{3})$

**PRACTICE Quiz 1.2 Trigonometric Functions****Find the exact value of each trigonometric function.**

1)  $\tan 180^\circ$

0

2)  $\sin 180^\circ$

0

3)  $\tan 90^\circ$

Undefined

4)  $\cot 180^\circ$

Undefined

5)  $\sec 180^\circ$

-1

6)  $\csc 90^\circ$

1

**Use the given point on the terminal side of angle  $\theta$  to find the value of the trigonometric function indicated.**

7)  $\tan \theta; (-17, -11)$

 $\frac{11}{17}$ 

8)  $\cot \theta; (-13, -20)$

 $\frac{13}{20}$ 

9)  $\cos \theta; (9, \sqrt{19})$

 $\frac{9}{10}$ 

10)  $\sin \theta; (7, \sqrt{15})$

 $\frac{\sqrt{15}}{8}$ 

11)  $\cos \theta; (-2\sqrt{3}, -2)$

 $-\frac{\sqrt{3}}{2}$ 

12)  $\csc \theta; (-2, 2\sqrt{3})$

 $\frac{2\sqrt{3}}{3}$