

1) Find the tangent of the angle.  $\cot \omega = \frac{\sqrt{5}}{15}$

2) Identify the quadrant for angle  $A$  under the given conditions.  
 $\cot A < 0$  and  $\cos A > 0$

Without using a calculator, give the exact trigonometric function values with rational denominators.

3)  $\cos 60^\circ$

4)  $\sec 45^\circ$

5)  $\sin 30^\circ$

6) Evaluate the expression.  $7 \tan 180^\circ + 9 \csc 270^\circ$

## Answer Key

Testname: WORKSHEET 1.4 & 2.1 EVALUATE TRIG VALUES

1)  $\tan \omega = 3\sqrt{5}$

2) Quadrant IV

3)  $\frac{1}{2}$

4)  $\sqrt{2}$

5)  $\frac{1}{2}$

6) -9