

Give the exact value without using a calculator.

1) $\tan 300^\circ$

2) $\cos 210^\circ$

3) $\csc 240^\circ$

4) $\sec 855^\circ$

Use a calculator to find the function value to four decimal places.

5) $\sin 20^\circ 40' 36''$

6) $\cot 10.1^\circ$

Find the acute angle θ , to the nearest hundredth of a degree, for the given function value.

7) $\cos \theta = 0.6225$

8) $\csc \theta = 5.102$

Answer Key

Testname: WORKSHEET 2.2 & 2.3 REF ANGLES AND CALCULATOR

1) $-\sqrt{3}$

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

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

4) $-\sqrt{2}$

5) **0.3531**

6) **5.6140**

7) **51.50°**

8) **11.30°**