

Section 7.2 and 7.3 – Check your Understanding

Given a point on the terminal side of angle θ . Evaluate the three trigonometric functions of θ

1. $(8, 15)$	2. $(-2\sqrt{2}, 1)$
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Given one of three primary trigonometric functions, find the other two trigonometric function of θ

3. $\sin \theta = \frac{\sqrt{15}}{4}$ θ is in Q2	4. $\tan \theta = \frac{2}{\sqrt{5}}$ $\sin \theta > 0$
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Find all angles, $0^\circ \leq \theta < 360^\circ$, that satisfy each equation, use special angles and give exact answers, not decimals

5. $\sin \theta = -\frac{1}{2}$

6. $\cos \theta = \frac{\sqrt{3}}{2}$

7. $\tan \theta = \sqrt{3}$

8. $\sin \theta = -\frac{\sqrt{3}}{2}$