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. $(3,7)$	2. $-\sqrt{17}, -2\sqrt{2}$

Given one of three primary trigonometric functions, find the other two trigonometric function of θ

3. $\sin\theta = \frac{2}{\sqrt{5}}$ θ *is in* $Q1$	4. $\tan\theta = -\frac{2}{\sqrt{21}}$ θ *is in* $Q2$

Find all angles, $0° \leq \theta < 360°$, that satisfy each equation, use special angles and give exact answers, not decimals

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

$\cos\theta = -\frac{\sqrt{3}}{2}$