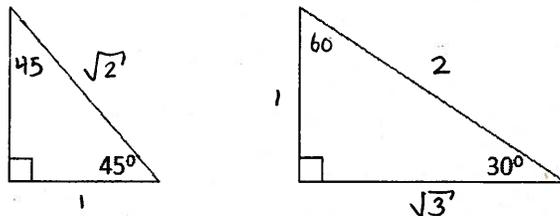
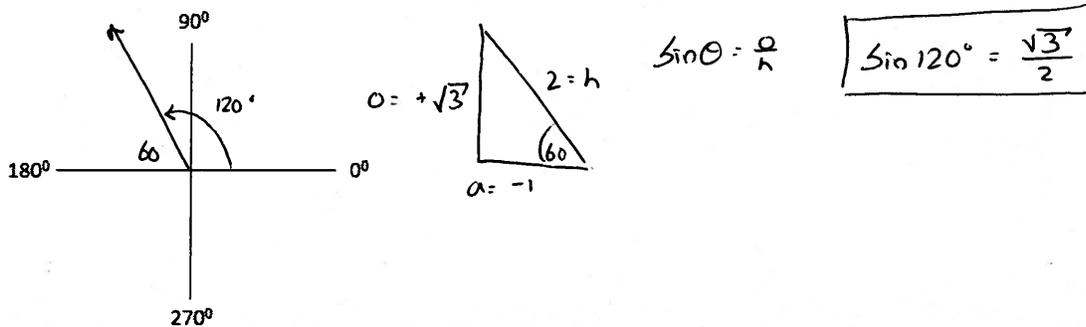


150 - EQ - 2.2 Trigonometric Ratios of Any Angle

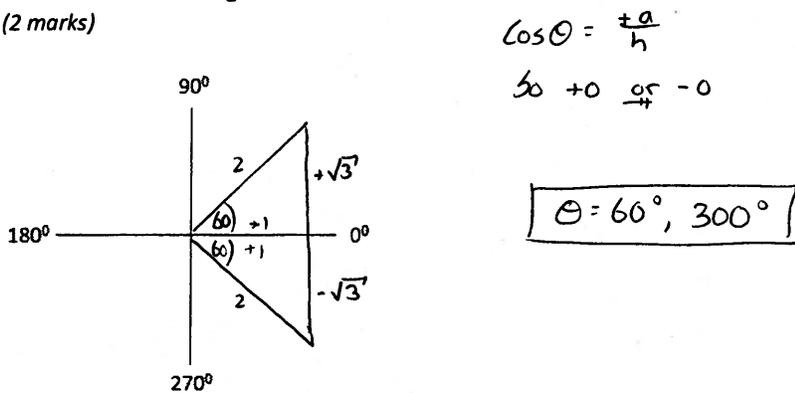
2 Q1: Label all angles and sides on the 45-45-90° and 30-60-90° special triangles. (2 marks)



1 Q2: Determine the exact value for the Sin 120° ratio. (1 mark)



2 Q3: Solve  $\cos \theta = \frac{1}{2}$  equation, for  $0 \leq \theta < 360 \text{ deg}$ , using a diagram involving a special right triangle. (2 marks)



**MARKING:**

Beginning	0.0 – 2.0
Progressing	2.5 – 3.5
Competent	4.0 – 4.5
Exemplary	5.0