**WPM 10 – Unit 6 – Quiz 2**

1) Determine the value of the following, to 4 decimal places. *(3 marks)*

a) sin 120 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_

b) tan 670 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_

c) cos 390 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_

2) Calculate the length of the side indicated in the following diagrams. Round your answer to **one** decimal place. SHOW YOUR WORK! *(2 marks each)*

a)

 ***x***

 15 cm

 350

b)

 θ θ = 220

 ***x***

 16.5 m

c)

 ***x***

 27 cm

 670