

COMMON MISTAKES IN EACH CONCEPT IN TOPIC 4

CONCEPT #	COMMON MISTAKES (That will cost you marks)	MY MISTAKES
15. Correctly set up the primary trigonometric ratios (sin, cos, tan) for acute angles in right triangles (C)	<ul style="list-style-type: none"> •Not understanding what the question is asking for (knowing when to use the sin/cos/tan button and when to leave your answer as a ratio) •Not knowing what “exact value” means 	
16. Correctly solve for an acute angle measure in a right triangle using the primary trig ratios (C)	<ul style="list-style-type: none"> •Calculator not in degree mode •Choosing wrong formula from sin, cos, tan •Drawing and labelling triangle incorrectly •Incorrect rounding of answer •Not understanding how to draw an angle of depression 	
17. Correctly solve for a side length in a right triangle (using primary trig ratios and/or the Pythagorean Theorem) (C)	<ul style="list-style-type: none"> •Calculator not in degree mode •Choosing wrong formula from sin, cos, tan •Drawing and labelling triangle incorrectly •Incorrect rounding of answer •Not knowing how to draw an angle of depression 	
18. 2.7 Solve problems involving more than one right triangle (C)	<ul style="list-style-type: none"> •Not knowing that solving the triangle means to find all the unknowns •Not understanding the size and relative locations of lengths and angles in a diagram involving two triangles •Any additional errors found above in #15-17 	