

COMMON MISTAKES IN EACH CONCEPT IN TOPIC 3

CONCEPT #	COMMON MISTAKES (That will cost you marks)	MY MISTAKES
11. Correctly convert from imperial to SI or SI to imperial (linear measurements) (C)	<ul style="list-style-type: none"> •Rounding issues <ul style="list-style-type: none"> ▪ when rounding where there are no instructions forgetting that the answer is to three decimals or forgetting that a zero at the end counts as one of the three decimals ▪forgetting to check for different rounding instructions •Difficulty reading word problems 	
12. Determine the surface area of 3D objects (right cones, cylinders, prisms, pyramids) and 3D composite objects (C)	<ul style="list-style-type: none"> •Rounding too soon, not using the STO function and forgetting to check for final answer rounding instructions •Confusing height and slant height •Forgetting to check for conversions •Forgetting units in your answer •Forgetting to properly calculate and subtract overlap in composite objects 	
13. Determine the volume of 3D objects (right cones, cylinders, prisms, pyramids) and 3D composite objects (C)	<ul style="list-style-type: none"> •Rounding too soon, not using the STO function and forgetting to check for final answer rounding instructions •Confusing height and slant height •Forgetting to check for conversions •Forgetting units in your answer •Forgetting to properly calculate and subtract overlap in composite objects 	
14. Determine the surface area and volume of spheres (C)	<ul style="list-style-type: none"> •Rounding too soon, not using the STO function and forgetting to check for final answer rounding instructions •Confusing height and slant height •Forgetting to check for conversions •Forgetting units in your answer 	