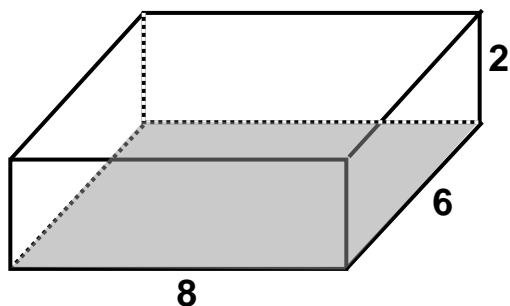


TOPIC 16-4: SURFACE AREA & VOLUME OF PRISMS

TERM:	DEFINITION:	FORMULA:
Lateral Area	the sum of the areas of the lateral faces	
Total Area	the sum of the area of the lateral faces and the bases	
Volume	the amount of space enclosed in the interior of a 3-D object	

EXAMPLES: For each of the following prisms, name the prism and find its Lateral Area, Total Area, and Volume.

1)



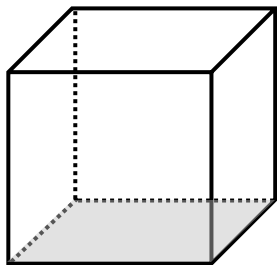
Name: _____

LA = _____

TA = _____

V = _____

2) In the prism below all edges have a length of 5 cm.



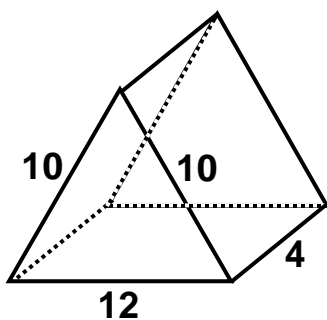
Name: _____

LA = _____

Total Area = _____

Volume = _____

3)



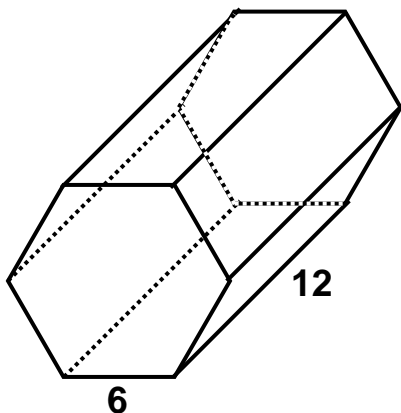
Name: _____

Lateral Area = _____

Total Area = _____

Volume = _____

4)



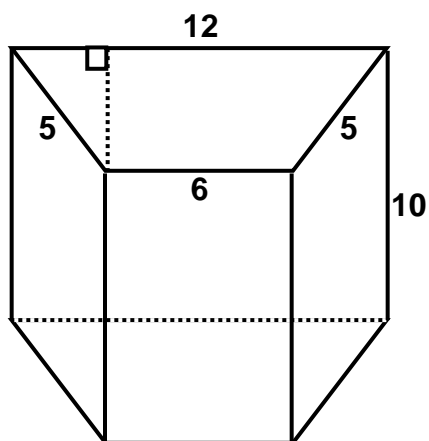
Name: _____

Lateral Area = _____

Total Area = _____

Volume = _____

5)



Name: _____

Lateral Area = _____

Total Area = _____

Volume = _____