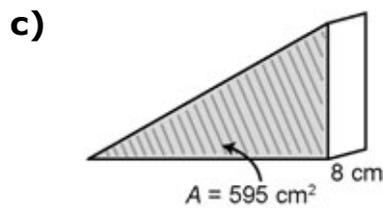
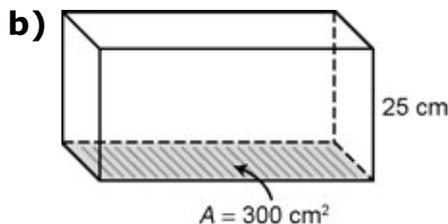
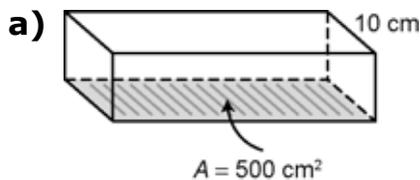


## Section 7.1 Extra Practice

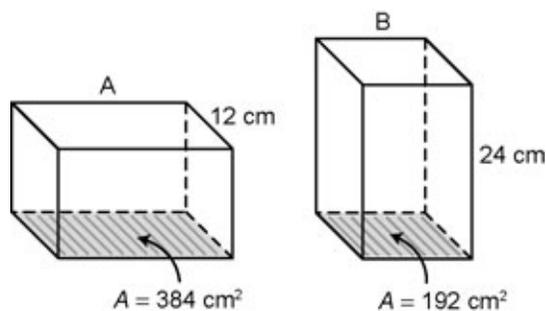
1. Determine the volume of each rectangular prism.



2. a) What is the volume of Box A?

b) What is the volume of Box B?

c) Are their volumes the same? Explain.




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3. What is the height of each rectangular prism?

a) volume = 108 cm<sup>3</sup>, area of base = 12 cm<sup>2</sup> \_\_\_\_\_

b) volume = 80 cm<sup>3</sup>, area of base = 16 cm<sup>2</sup> \_\_\_\_\_

c) area of base = 110 cm<sup>2</sup>, volume = 110 cm<sup>3</sup> \_\_\_\_\_

4. The Canola Oil Company is designing cans for its oil. Their cans hold 1 L, which is 1000 cm<sup>3</sup>. The area of the base of their can is 80 cm<sup>2</sup>. How tall is the can? Show your answer to one decimal place.