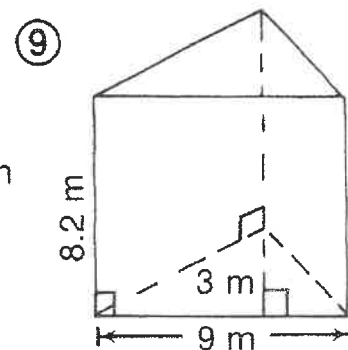
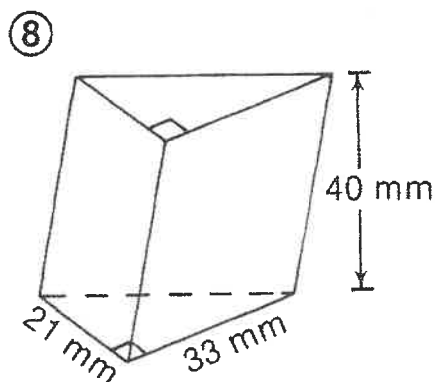
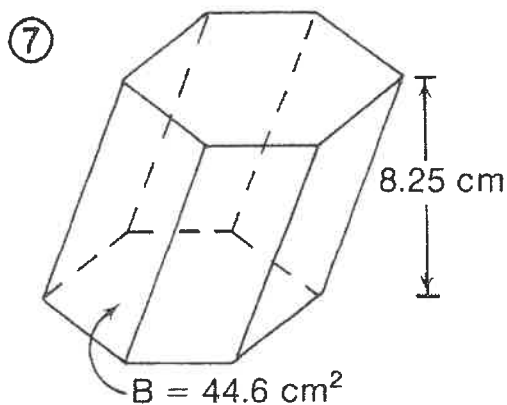
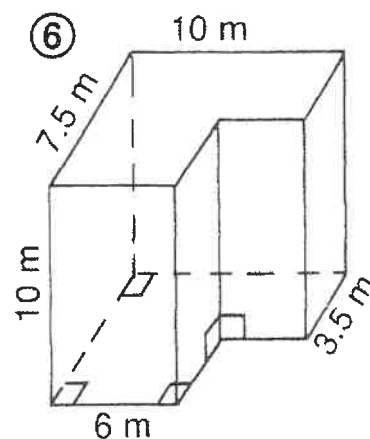
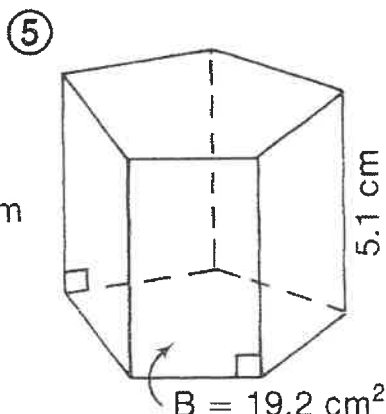
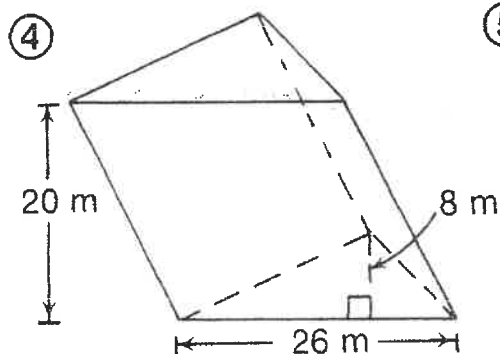
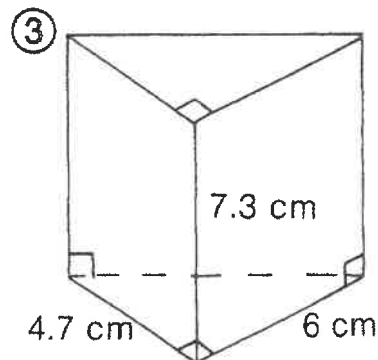
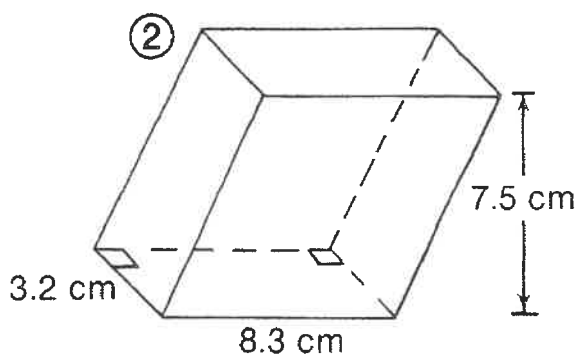
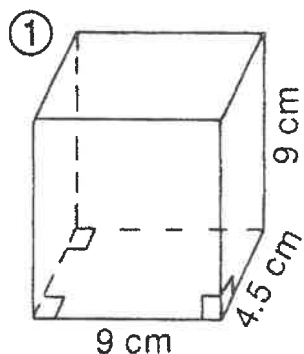


What Do You Call It When A Bull Eats A Bomb?

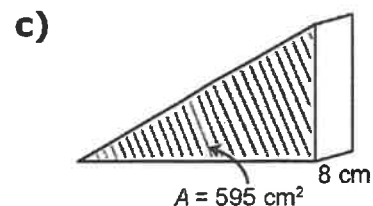
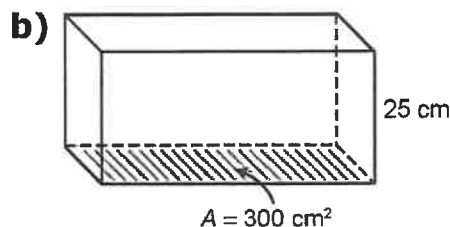
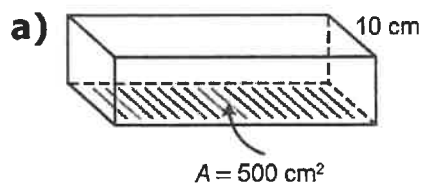
Figure out the VOLUME of each prism and find your answers in the rectangle below.
Cross out each box containing a correct answer. When you finish, there will be 5 boxes
not crossed out. Print the letters from these boxes in the boxes at the bottom of the page.



CO 102.93 cm ³	WS 2080 m ³	GR 110.7 m ³	AB 117.7 m ³	IG 97.92 cm ³	BO 199.2 cm ³	OM 9150 mm ³
BL 590 m ³	IN 369.5 cm ³	OW 364.5 cm ³	AB 1050 m ³	HO 13,860 mm ³	LE 91.82 cm ³	UP 367.95 cm ³

WS3.2A *show work on page

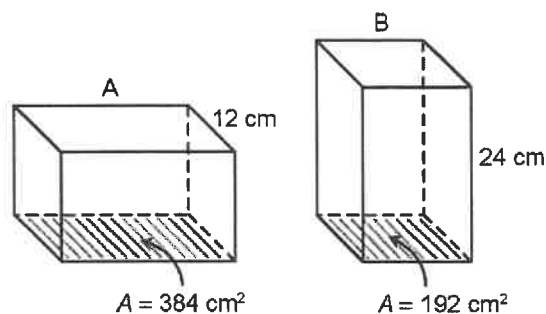
1. Determine the volume of each rectangular prism.



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

b) What is the volume of Box B?

c) Are their volumes the same? Explain.



3. What is the height of each rectangular prism?

a) volume = 108 cm^3 , area of base = 12 cm^2

b) volume = 80 cm^3 , area of base = 16 cm^2

c) area of base = 110 cm^2 , volume = 110 cm^3

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

KEY

- | | | |
|---------------------------|------------------------|--|
| 1. a) 5000 cm^3 | b) 7500 cm^3 | c) 4760 cm^3 |
| 2. a) 4608 cm^3 | b) 4608 cm^3 | c) Yes, both equal 4608 cm^3 |
| 3. a) 9 cm | b) 5 cm | c) 1 cm |
| 4. 12.5 cm | | |