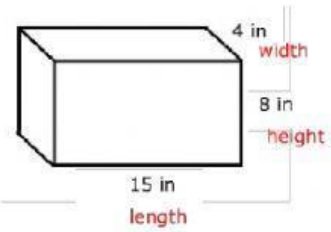
NAME: _____

CLEVELAND ENEAS PRIMARY SCHOOL
GRADE 5 MATHEMATICS
TOPIC: Volume

NOTES: What is volume?
Volume is the space taken up in any 3-dimensional (3D) object. An example of this is the length, with and height of a cereal box. The volume is measured in cubic units - e.g. 3cm3



Formula:
Volume = length x width x height
V = l x w x h
V = 15 x 4 x 8
V = 480 in3

INSTRUCTIONS: Calculate the volume for the following word problems, and choose the correct answer from the dropdown boxes. (2 points each).

1. Perry has a gift for his mother. He places the gift in a rectangular shaped box. The dimensions are 5cm for the length, 3 cm for the width and 4 cm for the height. What is the volume of the gift box?



ANSWER: _____

2. Dad served a bowl of cornflakes to each child for breakfast. The cornflakes box measured 12 m in length, 6 m in width, and 8 m in height. Calculate the volume of the cornflakes box.



ANSWER: _____

LIVEWORKSHEETS

3. The pet store has rectangular fish aquariums on sale. The volume of the aquarium is 7 inches in length, 5 inches in width, and 9 inches in height. What is the volume of this aquarium?



ANSWER: _____

4. An 18-wheeler trailer traveling to Miami from Ft. Lauderdale to deliver food items measures 20 feet high, 10 feet wide and 20 feet long. What is the volume of the trailer?



ANSWER: _____

5. Judy picked up a foil paper from Super Value Food Store to wrap her sandwiches for the picnic. The sides of the foil measured 3 cm by 5 cm by 7 cm. What is the volume of the foil paper?



ANSWER: _____

LIVEWORKSHEETS