

## CISD Grade 5 Math Unit 14

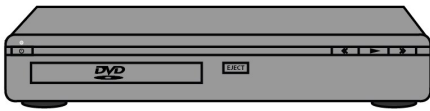
Some questions (c) 2012 by CSCOPE.

- 1 Two truck drivers are taking a load of furniture to St. Louis. The drive from Dallas, Texas, to St. Louis, Missouri, is  $10\frac{1}{2}$  hours. If the drivers share the driving time equally, how many minutes will each one drive?

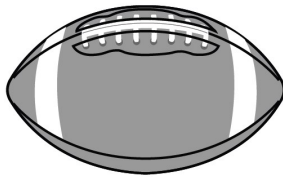
- A 630 minutes
- B 360 minutes
- C 315 minutes
- D 300 minutes

- 2 Mr. Perez had the following things on the table with their amount of mass.

DVD Player 7 kg



Bowling Ball 12 kg



Football 1 kg



Roller Skate 1 kg



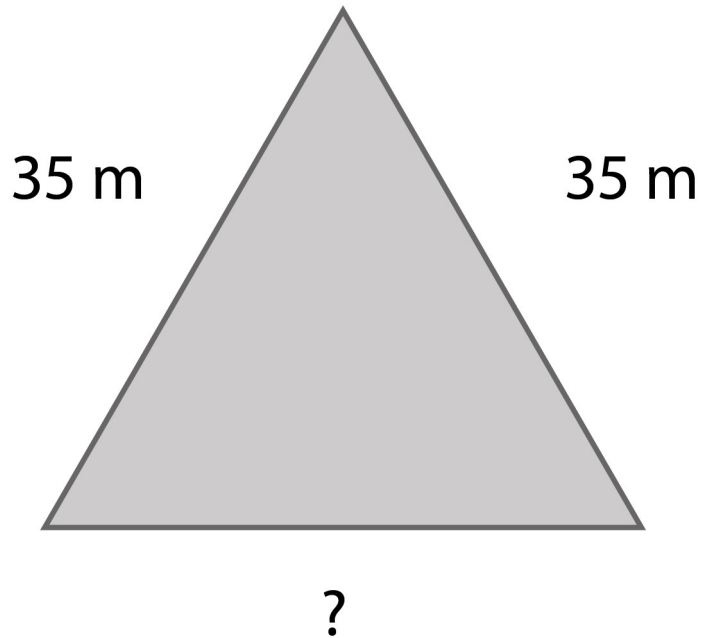
Textbook 1 kg

What three items have a mass of 9,000 grams?

- F Bowling Ball, Football, Textbook
- G DVD, Football, Roller Skate
- H Textbook, Bowling Ball, Roller Skate
- J Roller Skate, Football, Textbook

- 3** Mr. Ross needed a box in which to pack his tools. He knew that the box had to be between 100 cubic inches and 150 cubic inches. The dimensions of 4 boxes are listed below. Which box will he be able to use? Mark your answer.
- A** 10 in. x 2 in. x 3 in.
  - B** 10 in. x 5 in. x 3 in.
  - C** 11 in x 3 in. x 2 in.
  - D** 11 in. x 4 in. x 2 in.
- 4** Stephanie is covering the front of her rectangular-shaped art canvas with blue material. Which formula will she use to measure the amount of material needed?
- F**  $A = L \times W$
  - G**  $P = 2L + 2W$
  - H**  $V = L \times W \times H$
  - J**  $A = 4W$

- 5 A triangular plaque has a perimeter of 110 meters. Two of the sides measure 35 meters.

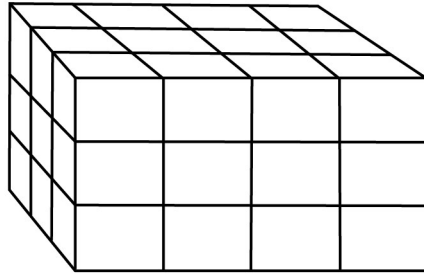


How many meters long is the third side?

Record your answer and fill in the bubbles on your answer document. Be sure to use the correct place value.

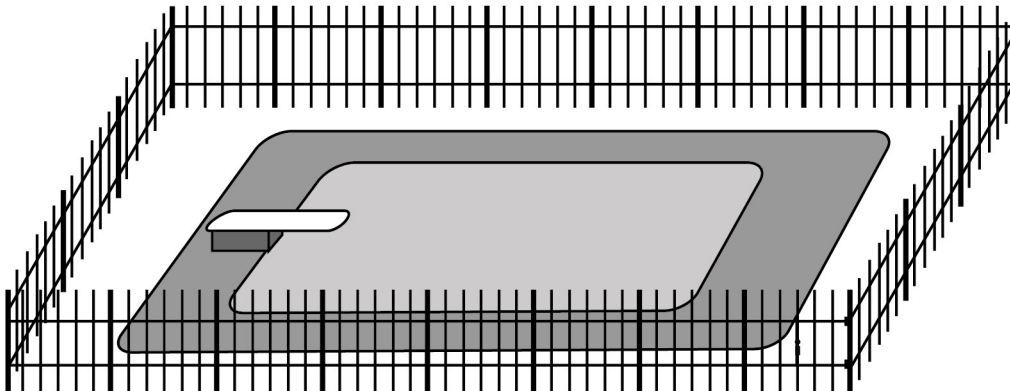
- 6 Bob is mixing a cleaning solution made of vinegar and water. There is two times as much water as vinegar in his solution. If he used two gallons of water, how much vinegar did he use?
- F 2 quarts
  - G 2 pints
  - H 4 quarts
  - J 4 pints

- 7 What is the volume of the rectangular prism below?



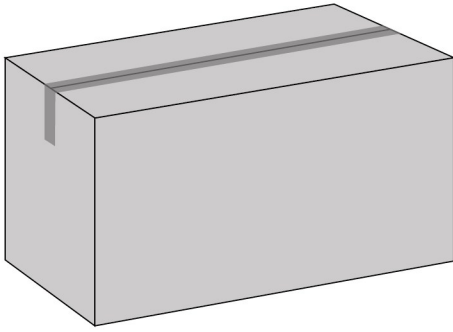
Record your answer and fill in the bubbles on your answer document. Be sure to use the correct place value.

- 8 Mr. Turner is putting a fence around his swimming pool. Which formula should he use to determine the amount of fencing needed?



- F**  $A = L \times W$   
**G**  $P = 2L + 2W$   
**H**  $V = L \times W \times H$   
**J**  $A = S^2$

9 Which formula should be used to find the volume of the box below?



**A**  $V = L \times W \times H$

**B**  $V = 2L + 2W$

**C**  $V = L \times W$

**D**  $V = 4W$

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10 John ran 5 miles this morning before going to work. How many yards did he run?

**F** 17,600 yards

**G** 9,720 yards

**H** 8,800 yards

**J** 8,600 yards

11 Doctor Hennessey's office assistant made 96 ounces of coffee at 8:00 a.m. and 72 ounces of coffee after lunch. How many cups of coffee did she make?

**A** 25 cups

**B** 21 cups

**C** 12 cups

**D** 9 cups