

Name: _____

Math Counts, Science Matters, Reading Makes It Possible

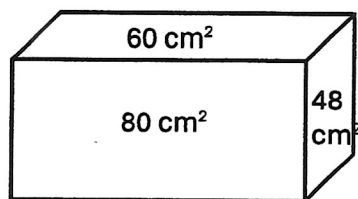
1. What is the smallest positive whole number whose name is spelled with letters in alphabetical order?

Answer:

2. At 2:45 PM you are 117 miles from Iowa City, Iowa. You want to be in Iowa City at 5:00 PM on the same day. How many miles per hour must you average to be on time?

Answer:

3. The area of the faces of a box are given. What is the volume of the box?

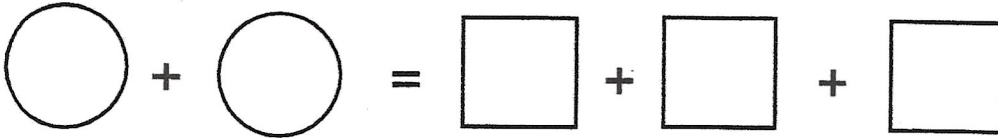
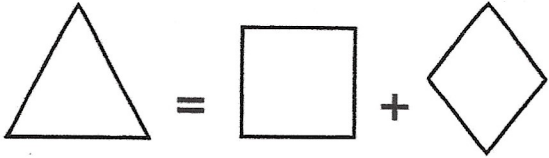
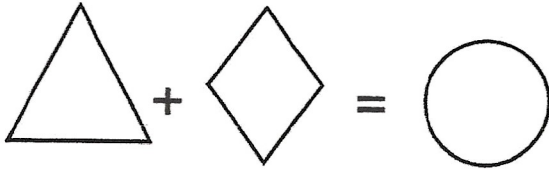


Answer:

4. What is the sum of the largest and smallest prime factors of 5445?

Answer:

5.



How many diamonds equal one triangle?

Answer:

6. In a group of a dozen horses, some are 9 years old and the remainder are 11 years old. The total of their ages is 122 years. Find the age distribution.

Answer:

7. Recently, the separation between college football goalpost uprights was reduced from 23 feet, 4 inches to 18 feet, 6 inches. To the nearest tenth of a percent, what was the reduction?

Answer: