

SET 5 OLYMPIAD 1

1A.
4
Minutes

To engrave a word on a metal plate, each of the first three letters costs 5 cents, and each letter after the first three costs 1 cent more than the preceding letter does. Find the cost, in cents, of engraving the following word:

OLYMPIADS

1B.
5
Minutes

Each of three Math Team students practices at a different time: 10:00 AM, noon, and 2:00 PM. Jean practices either at noon or at 2:00 PM. Krishna doesn't practice at noon, Lisa doesn't practice at 2:00 PM, and Krishna practices 2 hours before Lisa. At what time does each girl practice?

1C.
5
Minutes

Find the least counting number which when divided by 6 gives a remainder of 1, and when divided by 11 gives a remainder of 6.

1D.
5
Minutes

The figure shown consists of 6 congruent squares. The area of the figure is 96 sq cm. What is the perimeter of the figure, in cm?



1E.
6
Minutes

One seat in an auditorium is broken. It is in the 3rd row from the front of the auditorium and in the 18th row from the back of the auditorium. There are 12 seats to its left and 17 seats to its right. If every row has the same number of seats, what is the total number of seats in that auditorium?

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