MATHEMATICS

SECTION A

1. Write 10 011 001 in words.

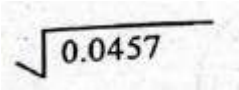
   A. One million, eleven thousand and one.
   B. Ten million, one hundred and one thousand and one.
   C. Ten million, eleven thousand and one.
   D. One million one hundred and one thousand and one.

2. Work out:

$5 \times (-3) + 12 \div (-4)$

   A. -12
   B. -21
   C. -9
   D. -18

3. Using four figure mathematical table find



   A. 0.021378
   B. 0.21378
   C. 2.1378
   D. 21.378

4. The GCD of two numbers is 6 and their LCM is 120. If one of the number is 30, find the other possible number.

   A. 18
   B. 12
   C. 48
   D. 24

5. Three men were hired to do a piece of work in five days. How many days would nine men working at the same rate take to complete the same work?

   A. 1 2/3 days
   B. 1 day
   C. 15 days
   D. 5 days

6. Write 942.64 in standard form.

   A. 9.4264×10^{-2}
   B. 9.4264×10^{-1}
   C. 9.4264×10^{2}
   D. 9.4264×10^{4}

7. A recipe for making cookies calls for a ratio of 3:2 flour to sugar. If you need 120 grams of flour, how many grams of sugar are required?

   A. 60 grams
   B. 48 grams
   C. 90 grams
   D. 180 grams

8. Arrange the fractions 3/4, 2/3, 5/6, 1/2 in ascending order.

   A. 5/6, 3/4, 2/3, 1/2
   B. 3/4, 5/6, 2/3, 1/2