

# CBSE Class 8 Maths Sample Paper Set 1

Time: 2 ½ hours

Total Marks: 80

**General Instructions:**

1. All questions are compulsory.
2. Section A comprises of 12 questions carrying 1 mark each.
3. Section B comprises of 12 questions carrying 2 marks each.
4. Section C comprises of 8 questions carrying 3 marks each.
5. Section D comprises of 5 questions carrying 4 marks each.

**Section A**

(Questions 1 to 12 carry 1 mark each)

1. If Ramesh buys five apples at a cost of Rs.10 each and he sells all apples to Ganesh at a profit of 10%. Find the selling price of each apple.  
A. 15  
B. 11  
C. 12  
D. 13
2. Find the volume of the rectangular box whose length ( $l$ ) =  $mn$ , breadth ( $b$ ) =  $m^2p$ , depth ( $d$ ) =  $pn^2$ .  
A.  $m^4n^2p$   
B.  $m^4n^3p^2$   
C.  $m^2n^2p$   
D.  $m^3n^2p^2$
3. What is the Euler's formula for a Polyhedron?  
A.  $F + V - E = 0$   
B.  $F + V - E = 2$   
C.  $F + V + E = 1$   
D.  $F + V + E = 3$
4. In a 5-match test series, Indian team won 60 percentage of matches. Find how many matches lost by Indian team?  
A. 3  
B. 2  
C. 1

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