

CBSE Sample Paper Class 10 Maths

Time: 3 hrs

Total Marks: 80

General Instructions:

1. All questions are compulsory.
2. The question paper consists of 30 questions divided into four sections A, B, C, and D. Section A comprises of 6 questions of 1 mark each, Section B comprises of 6 questions of 2 marks each, Section C comprises of 10 questions of 3 marks each and Section D comprises of 8 questions of 4 marks each.
3. Use of calculator is not permitted.

Section A

(Questions 1 to 6 carry 1 mark each)

1. Ram tossed a coin for 560 times in which he got head 230 times. What is the probability of him getting a tail, while tossing the coin?

(OR)

There were 8 socks of white, green and blue shuffled in a draw. The probability of selecting a white sock is $\frac{1}{4}$. What is the probability of selecting a green sock if the probability of selecting the yellow sock is $\frac{5}{8}$?

2. A post is standing on the ground whose shadow's length is 20 m less when sun's altitude is 80° and the post's altitude is 45° . Draw a diagram to represent this situation.
3. Observe the given diagram and find the scale factor for the polygons.

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