

Class 10 Mathematics - Probability

Name: _____

Date: _____

Advanced Worksheet 3

Questions

1. Two coins are tossed simultaneously. Find the probability of getting exactly one head.
2. Two coins are tossed simultaneously. Find the probability of getting no head.
3. Three coins are tossed simultaneously. Find the probability of getting exactly two heads.
4. A card is drawn from a deck of cards. Find the probability of getting a card that is not a face card.
5. A bag contains 5 red, 7 blue and 8 green balls. Find the probability of drawing a blue or green ball.
6. Two dice are thrown simultaneously. Find the probability of getting a doublet.

Answer Key

1. $2/4 = 1/2$
2. $1/4$
3. $3/8$
4. $40/52 = 10/13$

5. $15/20 = 3/4$

6. $6/36 = 1/6$

