

Probability Basics

Grades 7-8 • Calculating basic probability from common scenarios

Name: _____

Date: _____

1. What is the probability of drawing a red card from a standard 52-card deck?

Answer: _____

2. A bag contains 2 red balls, 4 blue balls, and 7 green balls. What is the probability of drawing a blue ball?

Answer: _____

3. What is the probability of drawing a face card from a standard 52-card deck?

Answer: _____

4. What is the probability of getting heads when flipping a fair coin?

Answer: _____

5. What is the probability of getting heads when flipping a fair coin?

Answer: _____

6. A bag contains 5 red balls, 6 blue balls, and 4 green balls. What is the probability of drawing a blue ball?

Answer: _____

7. What is the probability of rolling a 2 on a standard six-sided die?

Answer: _____

8. What is the probability of drawing a red card from a standard 52-card deck?

Answer: _____

9. What is the probability of drawing a red card from a standard 52-card deck?

Answer: _____

10. What is the probability of drawing a spade from a standard 52-card deck?

Answer: _____

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Answer Key

1.	What is the probability of drawing a red card from a standard 52-card deck?	1/2
2.	A bag contains 2 red balls, 4 blue balls, and 7 green balls. What is the probability of drawing a blue ball?	4/13
3.	What is the probability of drawing a face card from a standard 52-card deck?	3/13
4.	What is the probability of getting heads when flipping a fair coin?	1/2
5.	What is the probability of getting heads when flipping a fair coin?	1/2
6.	A bag contains 5 red balls, 6 blue balls, and 4 green balls. What is the probability of drawing a blue ball?	2/5
7.	What is the probability of rolling a 2 on a standard six-sided die?	1/6
8.	What is the probability of drawing a red card from a standard 52-card deck?	1/2
9.	What is the probability of drawing a red card from a standard 52-card deck?	1/2
10.	What is the probability of drawing a spade from a standard 52-card deck?	1/4