

The following table indicates the inventory totals for a shoe store. Find the probability for choosing the following types of shoes.

	Two-Tone	Black	White
High-Top	25	54	21
Low Cut	15	24	11

1. $P(\text{two-tone high-top})$
 2. $P(\text{black low cut})$
 3. $P(\text{white high top})$
 4. $P(\text{black shoe})$
 5. $P(\text{two-tone})$
 6. $P(\text{two-tone low cut})$
 7. $P(\text{blue shoe})$
 8. $P(\text{black or white})$
 9. $P(\text{low cut or high top})$
10. There are 7 red, 8 green, and 6 blue marbles in bag. Kate is going to select one marble at random. What is the probability that she will select a green or blue marble?
11. A card is randomly selected from a deck of 52 cards. What is the probability that the card is a "10" or a "face card"?
12. You roll a fair die. What is the probability that you roll a "1" or an even number?
13. In Ms. Carr's Math class, 9 of the 14 girls said they "like math", and 7 of the 16 boys said they "like math". If Ms. Carr randomly selects a student, what is the probability that she chooses a girl or someone who likes math?
14. A card is randomly selected from a deck of 52 cards. What is the probability that the card is a "face card" or a "red"?
15. You roll a fair die. What is the probability that you roll a "4" or an even number?

Use the spinner for questions 16-20 What is the probability of landing on...

16. a black space or an odd?
17. a multiple of 3 or a white space?
18. an odd or a 4?
19. a black 6?
20. a factor of 6 or a prime?

