

10.2**Practice**

For use after Lesson 10.2

Describe the likelihood of the event given its probability.

1. There is a 30% chance of snow tomorrow.

2. You solve a brain teaser 0.75 of the time.

You randomly choose one hat from 3 green hats, 4 black hats, 2 white hats, 2 red hats, and 1 blue hat. Find the probability of the event.

3. Choosing a red hat

4. Choosing a black hat

5. *Not* choosing a white hat

6. Choosing a blue hat

7. *Not* choosing a black hat8. *Not* choosing a green hat9. The probability that you draw a mechanical pencil from a group of 25 mechanical and wooden pencils is $\frac{3}{5}$. How many are mechanical pencils?