

**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 hat
8. *Not* choosing a green hat
  
  
  
  
  
  
  
9. 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?