

Exploring Probability

Imagine a bag containing 3 green marbles, 2 blue marbles, and 1 red marble. You reach into the bag without looking and pull out two marbles.

Classify the following events as *possible (P)* or *impossible (I)*.

- 1 The marbles are the same color. _____
- 2 One of the marbles is red. _____
- 3 Both of the marbles are red. _____
- 4 One of the marbles is purple. _____
- 5 You have one green marble and one blue marble. _____
- 6 Are you more likely to pull 2 green marbles or 2 blue marbles? Explain your answer.



Test Prep

- 7 Which statement is true?
 - A. $3,378 < 3,291$
 - B. $17,456 < 17,299$
 - C. $99,999 < 199,000$
 - D. $1,234 > 4,321$
- 8 Sean's class collected cans of soup to donate. Sean correctly rounded the number of cans to the nearest ten. He said there were about 140 cans. Which is the largest number of cans he could have counted?
 - A. 134
 - B. 144
 - C. 146
 - D. 147