

Name: \_\_\_\_\_  
Class/Section: \_\_\_\_\_  
Date: \_\_\_\_\_

## Post-Activity Check for Understanding

Reflecting upon today's activities, please take a moment and address the following:

A. The most important thing I learned today was...

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B. One thing I thought was interesting was...

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C. One thing I would like to learn more about is...

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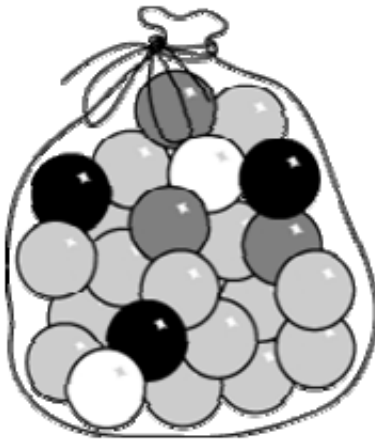
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## Post-Activity Check for Understanding

1. Jesse is tossing a penny up in the air. If the penny is equally likely to land heads up or tails up each time, what are the chances that the penny lands heads up 100 times in a row?

A certain  
B likely  
C unlikely  
D impossible

3. The bag contains 15 red marbles, 3 green marbles, 3 black marbles, and 2 white marbles. If Nick takes a marble from the bag without looking, which of the following is most likely to happen?



A Nick will take out a red marble.  
B Nick will take out a green marble.  
C Nick will take out a black marble.  
D Nick will take out either a white or a black marble.

2. Jackie has a box of colored pencils, with different numbers of pencils of each color as shown in the chart below.

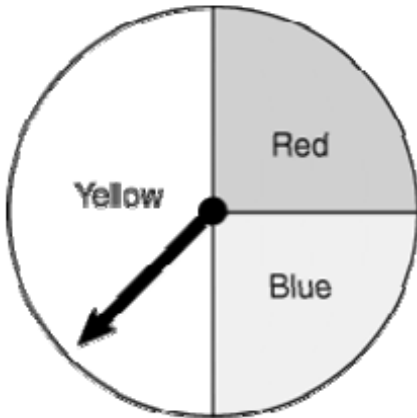
Color	Number of Pencils
Red	8
Blue	4
Green	6
Yellow	11

If Jackie picks a pencil from the box without looking, which of the following statements *best* describes the chances that she will pick a red pencil?

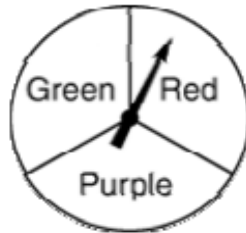
- A It is impossible that she will pick a red pencil.  
B It is possible but unlikely that she will pick a red pencil.  
C It is likely that she will pick a red pencil.  
D It is certain that she will pick a red pencil.
4. Kalen has a pencil case filled with 5 red pens, 10 black pens, and 7 blue pens. If he reaches into the pencil case without looking, which color pen is he most likely to pull out?
- A red  
B black  
C blue  
D He is equally likely to withdraw a red, black, or blue pen.

### Post-Activity Check for Understanding

5. The spinner below is used to play a board game. If Chris spins the spinner 12 times, how many times would he expect the arrow to land on red?



- A 1
- B 3
- C 6
- D 12

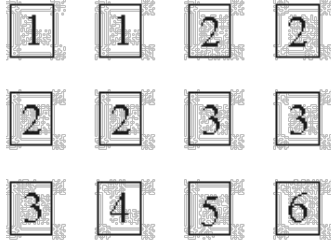


6. If you spin the arrow 60 times, about how many times would you expect it to land on green?

- A 15
- B 20
- C 30
- D 60

### Post-Activity Check for Understanding

7. Wheeler had a bag with 12 cards. The cards are shown below.



If Wheeler draws one card without looking, what is the probability of drawing a card with a "2" on it?

- A.  $\frac{1}{12}$
  - B.  $\frac{1}{4}$
  - C.  $\frac{1}{3}$
  - D.  $\frac{3}{4}$
8. A bag has nine white marbles and six black marbles. What is the probability of a black marble being randomly selected from the bag?

- A.  $\frac{6}{9}$
- B.  $\frac{2}{3}$
- C.  $\frac{2}{5}$
- D.  $\frac{3}{5}$

**\*\*BONUS POINTS\*\* State the learning objective:**

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