

Name: _____

Date: _____

Time: ____ : ____ - ____ : ____

Mark has eight markers. Two of the markers are uncapped. He wants to give his friend a marker that is not uncapped. Mark separates the markers into two piles: one pile of all uncapped, and one pile of all capped markers.

1. If his friend picks from the pile of capped markers, what is the probability that he will pick a capped marker?

- a. 6 out of 6
- b. 6 out of 8
- c. 0 out of 6

Answers:- (a), (b), (c)

Circle the correct answer.

2. Since Mark has the marker in two piles, if his friend picks from the capped pile, which of the following is true?

- a. it is likely that he will pick an uncapped marker
- b. it is impossible that he will pick a uncapped marker
- c. it is unlikely that he will pick a uncapped marker

Answers:- (a), (b), (c)

Circle the correct answer.

Mark has eight markers. Two of the markers are uncapped. He wants to give his friend a marker that is not uncapped. Mark separates the markers into two piles: one pile of all uncapped, and one pile of all capped markers. After his friend picks a marker from the capped pile, Mark puts all the markers back together and shuffles them back into one big pile.

1. What is the probability, in number form, that his friend will get an uncapped marker if he picks again?

- a. $\frac{2}{7}$
- b. $\frac{2}{5}$
- c. $\frac{5}{7}$

Answers:- (a), (b), (c)

Circle the correct answer.