

Name: _____

Date: _____

Time: ____ : ____ - ____ : ____

Robert has 5 toy airplanes inside a box of different colors: blue, yellow, green, red and purple.

1. What is the probability that Robert will grab two airplanes of the same color?

- a. higher than the probability that he will grab a blue airplane
- b. impossible; zero probability
- c. less than the probability that he will grab a blue airplane

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

Circle the correct answer.

2. What is the probability, in number form, that he will grab a red airplane?

- a. $\frac{1}{5}$
- b. $\frac{1}{3}$
- c. $\frac{2}{5}$

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

Circle the correct answer.

3. If Robert adds one red airplane and one yellow airplane to the box, now what is the probability that he will pick out a red airplane (in number form)?

- a. 1 out of 6
- b. 2 out of 7
- c. 1 out of 5

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

Circle the correct answer.

4. Which of the following will be true after Robert adds a red and yellow plane to the box?

- a. it is more likely that Robert will pick out a blue airplane
- b. it is less likely that Robert will pick out a yellow airplane
- c. it is equally as likely that Robert will pick out a yellow airplane or a red airplane

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

Circle the correct answer.