

## Grade 5 – Standard 7

15. There are 26 letter tiles, one for each letter of the alphabet, in a bag. What is the probability of picking the tile C?

A)  $\frac{1}{26}$

B)  $\frac{3}{26}$

C) 1

D) 3

35. After throwing a 6-sided cube with 5 sides colored red, blue, yellow, green, and black, the following results happened:

Toss #1: blue

Toss #2: yellow

Toss #3: blue

Toss #4: red

Toss #5: green

Toss #6: blue

Toss #7: black...

What color is **most likely** to be on the sixth side?

E) Yellow

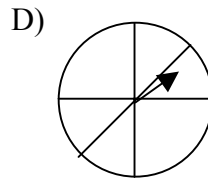
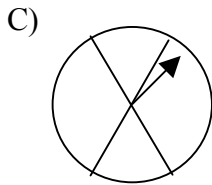
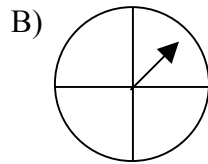
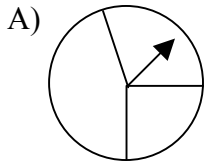
F) Red

G) White

H) Blue

42. Amy rolls a cube with the numbers 0, 1, 2, 7, 8 and 9 on it. Curtis rolls a cube with the numbers 1, 2, 3, 4, 6 and 8 on it. The player who rolls a number **less than 4** is the winner. Both players roll their cube. Which statement is **true**?
- A) Curtis has a higher probability of winning.
  - B) Amy has a higher probability of winning.
  - C) Amy and Curtis have the same probability of winning.
  - D) There is not enough information given to answer the question.

53. Which spinner allows equal chances?



67. There are 100 gumballs in a machine:  
30 red  
25 yellow  
20 green  
15 white  
10 blue

What is the probability of getting a **green** gumball from the machine?

- A)  $\frac{1}{10}$
- B)  $\frac{3}{20}$
- C)  $\frac{1}{5}$
- D)  $\frac{1}{4}$