PROBABILITY

1. Jackson has 18 cards. Nine of them have butterflies on them and the others have flowers. What is the probability of drawing a card with a butterfly?
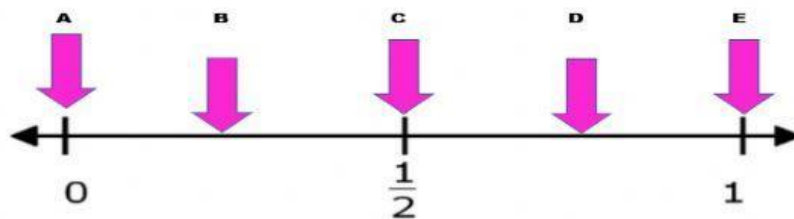
a. $\frac{1}{3}$	b. $\frac{1}{9}$
c. $\frac{9}{18}$	d. $\frac{9}{27}$

2. Makayla has marbles in her bag. There are orange and green marbles. All the marbles are the same size and shape. Makayla is least likely to select a green marble when she takes one marble out of her bag without looking. Which letter best represents the probability Makayla will select a green marble?
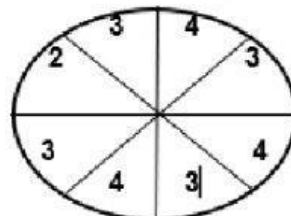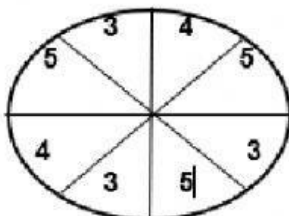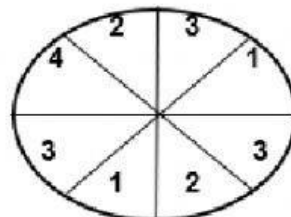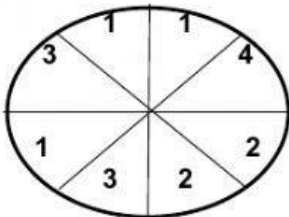

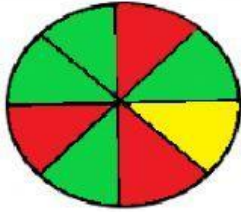| a. A	b. C
c. D	d. B

3. Identify two spinners that shows a $\frac{1}{8}$ chance of landing on the number 4.
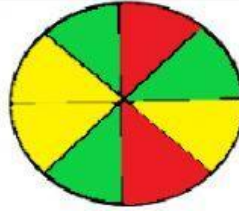
4. Which spinner shows that the probability of landing on a red section is $\frac{3}{8}$?
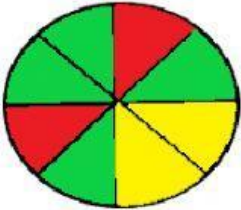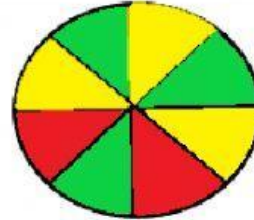
a.

b.

c.

d.

5 - 9. Match the probability of an event happening with the correct probability.

5. Probability is 3 out of 9	a. Impossible
6. Probability is 9 out of 10	b. Unlikely
7. Probability is 12 out of 12	c. Equally Likely
8. Probability is 5 out of 10	d. Likely
9. Probability is 0 out of 8	d. Certain

10. The table below shows the number and types of doughnuts that were in the box.

Type of Doughnuts	Number of Doughnuts
Chocolate	5
Lemon	3
Blueberry	2
Glazed	2

Colin randomly chose a doughnut from the box. What is the probability of him choosing a blueberry doughnut?

a. $\frac{9}{12}$	b. $\frac{1}{3}$
c. $\frac{2}{12}$	d. $\frac{3}{9}$

11. Josie put these beads in a bag.

If Josie randomly draws a bead out of the bag, which of the following statements would be true?

a. It is impossible for Josie to draw out a blue bead.

b. It is certain that Josie will draw out a pink bead or a green bead.

c. It is equally likely that Josie will draw out an orange bead.

d. It is unlikely that Josie will draw out a pink or a purple bead.

12. Josie put these beads in a bag.

If Josie randomly draws a bead out of the bag, which of the following statements would be true?

a. It is impossible for Josie to draw out a red bead.

b. It is certain that Josie will draw out an orange bead or a green bead.

c. It is likely that Josie will draw out a purple bead.

d. It is likely that Josie will draw out a blue or a pink bead.