

Name: \_\_\_\_\_ Date: \_\_\_\_\_

### Experimental Probability

An ice cream shop recorded the number of customers buying ice cream of each of the 4 flavors available. What is the experimental probability the next customer will purchase peach ice cream?

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Flavor	Number of customers
Vanilla	12
Chocolate	18
Strawberry	9
Peach	11

b) What is the probability the next customer will NOT purchase a chocolate ice cream?

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A sack of marbles has red, blue, and yellow marbles randomly distributed in it. Taylor pulled 30 marbles from the sack and recorded the results as shown in the table. What is the experimental probability that the next marble pulled will be blue? \_\_\_\_\_

Color	Number of marbles
Red	13
Blue	9
Yellow	8

3. Ryan asked a number of people about their age and recorded the information in a table.

Age group	Number of people
0-20	15
21-40	24
41-60	18
60 and over	21

What is the experimental probability that the next person will be 40 years old or less? \_\_\_\_\_