# Review/Assessment

Name _____     Date _____

**Keaton flipped two coins ten times. This table shows the results of her trials.** Lesson 1

| Trial | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|
| **Number of Tails** | 2 | 1 | 1 | 0 | 1 | 0 | 2 | 1 | 1 | 1 |

**1** What are the possible outcomes? _____

**2** In what fraction of all the trials did "1 tail" occur? _____

**Nicholas is going to draw 1 card at random from the following deck. For each event, write a fraction to describe the probability of the event happening.** Lesson 2

| 5 | 10 | 15 | 20 | 25 | 30 |
|---|---|---|---|---|---|
| 35 | 40 | 45 | 50 | 55 | 60 |

| Event | Probability |
|---|---|
| **3** Number is less than 25 | |
| **4** Tens digit is 4 | |
| **5** Number is multiple of 5 | |

**A group of students performed a sampling experiment with an unknown number of red, blue, and green counters. They pulled one counter from the bag, recorded the color, returned the counter to the bag, and continued the same way until they had pulled a counter 20 times. They pulled 5 red, 4 blue, and 11 green counters.** Lessons 3 and 4

**6** What fraction of the counters would you estimate are red? _____

**7** What fraction of the counters would you estimate are blue? _____

**8** What fraction of the counters would you estimate are green? _____

**9** If we know that there are 100 counters in the bag, about how many would be reasonable to guess are

red? _____     blue? _____     green? _____

**Complete each box so that expressions in each group have the same value.** Lesson 5

**10** $\frac{3}{4}$  0.____ ____%

**11** $\frac{1}{\square}$  0.50  ____%

**12** $\frac{\square}{5}$  0.____ 20%

**13** $\frac{3}{10}$  ____ ____%

**Solve the problems.** Lesson 5

**14** Fran spelled 35 out of 50 words correctly on a spelling test. What percent of the words were correctly spelled?  _____

**15** Josie got 94% of the answers correct on a science quiz. There were 100 questions. How many did she get correct?  _____

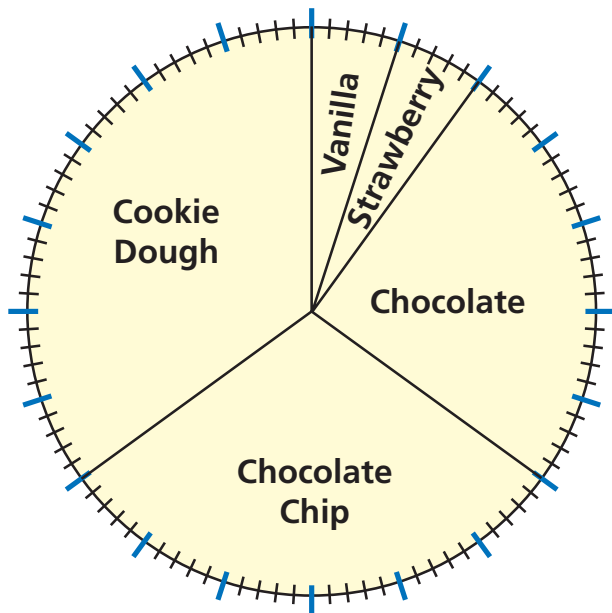**One hundred students were surveyed to find out what their favorite ice cream flavor was. Use the circle graph to answer the questions.** Lesson 6

**FAVORITE ICE CREAM FLAVORS**



**16** What flavor is the most popular?

_____

**17** Name the two flavors that the fewest students preferred.

_____

**18** The students in Mr. Rubin's class each told their favorite school subject. This is what they said: Lesson 7

Abby—reading, **Max**—math, **Sophia**—writing, **James**—science, **Alex**—science, **Paul**—social studies, **Charles**—reading, **Ted**—reading, **Sarah**—math, **Jeanne**—science, **Teri**—writing, **Laura**—math, **Kirsten**—science, **Abe**—math, **Becka**—writing, **Ross**—social studies, **Ruby**—reading, **Michelle**—math, **LaVerne**—social studies, and **Will**—math

Make a table to help you answer this question:
What fraction of the class chose Math?

_____