| NAME | DATE | TIME | Lesson 6-12 🗸 |
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# **Unit 6 Cumulative Assessment**

(1) Solve. You may draw a picture or a diagram.

The animal shelter keeps 5 kittens in each pen. There are 5 pens. How many kittens are there in all?



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|--|-------------------|-------------------|------------------|
| Unit 6 Cumulati                            | ve Assessm        | ent (continue     | ed)              |
| <b>3</b> Fill in the blanks.               |                   |                   |                  |
| <b>a.</b> 6 = 6 ×                          | _                 | <b>b.</b> 6 ×     | = 0              |
| <b>c.</b> × 0 = 0                          | )                 | <b>d.</b> 9 × 5 = | 5 ×              |
| A Rolando was playin<br>The Dealer said 30 | g Salute! and sav | w 5 on his par    | tner's forehead. |
| What is the card or                        | Rolando's foreh   | ead?              |                  |
| How do you know?                           |                   |                   |                  |
|  |                   |                   |                  |
|  |                   |                   |                  |
| 5 Fill in the blanks.                      |                   |                   |                  |
| <b>a.</b> 3 × 3 =                          | _                 | b =               | = 4 × 4          |
| <b>c.</b> 7                                |                   | <b>d.</b> q       |                  |
| × 7  |                   | <u>× 9</u>        |                  |
|  |                   |                   |                  |
| e. How are the fact                        | s in Problems 5a  | a-5d alike?       |                  |

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|      |      |      |               |











b. Circle one of the shapes above.Write a different name for that shape. \_

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**9 a.** Shade the circle on this fraction card to show  $\frac{1}{2}$ .



**b.** On this fraction card, partition and shade the circle to show a fraction that is equivalent to  $\frac{1}{2}$  but with a different denominator. You may use your fraction cards to help.



Name the fraction: \_\_\_\_\_

c. How do you know the fractions are equivalent?

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| Unit 6 Cumu                         | ative Assess                             | ment (continued)                | )             |
| 10 a. The mass of<br>The mass of    | a basketball is ab<br>a baseball is abou | out 625 grams.<br>It 142 grams. |               |
| About how r                         | nany more grams is                       | s a basketball tha              | n a baseball? |
| Estimate:                           |  |                                 |               |
| Answer: abo                         | ut                                       | (upit)                          |               |
| <b>b.</b> Explain how               | you know your ans                        | wer makes sense                 |               |
|                                     |  |                                 |               |
|                                     |  |                                 |               |
|                                     |  |                                 |               |
|                                     |  |                                 |               |
|                                     |  |                                 |               |
| <ol> <li>You draw this c</li> </ol> | ard in The Area and                      | d Perimeter Game:               |               |
|                                     |  |                                 |               |
|                                     | $\square$                                |                                 |               |
|                                     |  |                                 |               |
| This is a 5-by-8 rect               |  |                                 |               |
| 10                                  |  |                                 |               |
|                                     |  |                                 |               |
| Find the area a                     | nd the perimeter.                        |                                 |               |
| Area: s                             | quare units                              | Perimeter: _                    | units         |



(12) **a.** Fill in the bar graph for the top four sports picked by third graders at Harvey School.

| Sport    | Number of Votes |
|----------|-----------------|
| soccer   | 30              |
| baseball | 30              |
| dance    | 25              |
| swimming | 15              |



- b. How many more votes did baseball get than dance?
- c. How many votes are there in all?
- d. Compare the number of votes for soccer to the number of votes for dance and swimming together.How many more votes were for dance and swimming together than for soccer?

| nearest cen | itimeter.              | e inte segli  |                |              |
|-------------|------------------------|---------------|----------------|--------------|
| about       | inches                 |               | about          | centimeters  |
| Measure the | e side length:<br>nem. | s of this rec | ctangle to the | nearest inch |
| 2           |                        |               |                |              |
|             |                        |               |                |              |
|             |                        |               |                |              |
|             |                        |               |                |              |
|             |                        |               |                |              |
|             |                        |               |                |              |
|             |                        |               |                |              |
|             |                        | ·             |                |              |
| This is a   |                        | by            |                | rectangl     |
| Aroo        | square inc             | (unit)        |                | (unit)       |

| NAME DATE TIME Lesson 6-12 V | /                        |              | Í     | Í            | Í            |              |      |              |       |       |       | ĺ            | Í            | Í            | Í            | ĺ     |              | 7            | 7            | 7     | 7                        | 7<br>1       | -<br>-          | -                        | -<br>-          | -                     | -            | 7                        | 7    | 7    | 7            | -                        | -                        | -<br>-<br>-     | ;<br>/          | -            | 7<br>1       | -            | -<br>-<br>-     | -<br>-<br>-           |                       |              |       |       |       | -     |       | -     |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |     |     |     |      |       |       |      |     |     |      |       |      |     |     |     |      |      |       |     |     |     |     |     | 5   | Ī   |     |   | ľ  | ę    | Ī    | ĺ               | 0       | 5       | S        | S        | e         |            | ļ           |             |             |             |             |             |             |             |             |             |             |             |             | Ξ           | ЛE          | IM            | TII            | 1                |                  |                  |                  |                  |                  |                  |                  |                  | E                | TE               | AT                  | DA                   | [                     |                       |                       |                       |                       |                       |
|------------------------------|--------------------------|--------------|-------|--------------|--------------|--------------|------|--------------|-------|-------|-------|--------------|--------------|--------------|--------------|-------|--------------|--------------|--------------|-------|--------------------------|--------------|-----------------|--------------------------|-----------------|-----------------------|--------------|--------------------------|------|------|--------------|--------------------------|--------------------------|-----------------|-----------------|--------------|--------------|--------------|-----------------|-----------------------|-----------------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----|-----|-----|------|-------|-------|------|-----|-----|------|-------|------|-----|-----|-----|------|------|-------|-----|-----|-----|-----|-----|-----|-----|-----|---|----|------|------|-----------------|---------|---------|----------|----------|-----------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                              | $\mathbf{\vee}$          | $\checkmark$ |       | $\checkmark$ | $\checkmark$ | $\checkmark$ |      | $\checkmark$ |       |       |       | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |       | $\checkmark$ | $\checkmark$ | $\checkmark$ | V     | $\mathbf{\vee}$          | $\checkmark$ | $\checkmark$    | $\mathbf{\mathbf{\vee}}$ | $\checkmark$    | $\mathbf{\mathbf{v}}$ | $\checkmark$ | $\mathbf{\vee}$          |      |      | $\checkmark$ | $\mathbf{\mathbf{\vee}}$ | $\mathbf{\mathbf{\vee}}$ | $\mathbf{\vee}$ | $\mathbf{\vee}$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\mathbf{\vee}$ | $\mathbf{\mathbf{v}}$ | $\mathbf{\mathbf{v}}$ |              |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | 5     | K     | K     | K     | K    | 5   | K   | 5   | K    | K     | K     | K    | 5   | K   | K    | K     | 5    | K   | 5   | K   | 5    | K    | K     | K   | 5   | K   | 5   | K   |     |     |     | 2 | 2  | 5-12 | 6-12 | ו 6- <b>1</b> 2 | on 6-12 | on 6-12 | son 6-12 | son 6-12 | sson 6-12 | esson 6-12 | Lesson 6-12   | Lesson 6-12    | TIME Lesson 6-12 | TIME Lesson 6-12 | TIME Lesson 6-12 | TIME Lesson 6-12 | TIME Lesson 6-12 | TIME Lesson 6-12 | TIME Lesson 6-12 | TIME Lesson 6-12 | TIME Lesson 6-12 | TIME Lesson 6-12 | TIME Lesson 6-12 | TE TIME Lesson 6-12 | ATE TIME Lesson 6-12 | DATE TIME Lesson 6-12 |
| 2                            | $\mathbf{\mathbf{\vee}}$ | $\checkmark$ |       |              | $\checkmark$ | $\checkmark$ |      | $\checkmark$ |       |       |       | $\checkmark$ |              | $\checkmark$ |              |       | $\checkmark$ | $\checkmark$ | $\checkmark$ |       | $\mathbf{\mathbf{\vee}}$ |              | $\mathbf{\vee}$ | $\mathbf{\mathbf{v}}$    | $\mathbf{\vee}$ | $\mathbf{i}$          | $\mathbf{V}$ | $\mathbf{\mathbf{\vee}}$ |      |      | $\checkmark$ | $\mathbf{\mathbf{v}}$    | $\mathbf{\mathbf{v}}$    |                 |                 | $\mathbf{V}$ |              | $\mathbf{V}$ |                 | $\mathbf{\mathbf{v}}$ |                       | $\mathbf{i}$ |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | K     | K     | K     | K     | K    | K   | K   | K   | K    | K     | K     | K    | K   | K   | K    | K     | K    | K   | 5   | K   | K    | K    | K     | K   | K   | K   |     | K   |     |     |     | 2 | 2  | 5-12 | 6-12 | ה 6- <b>1</b> 2 | on 6-12 | on 6-12 | son 6-12 | son 6-12 | sson 6-12 | esson 6-12 | Lesson 6-12 | E Lesson 6-12 | ME Lesson 6-12 | TIME Lesson 6-12 | Lesson 6-12      | TE TIME Lesson 6-12 | ATE TIME Lesson 6-12 | DATE TIME Lesson 6-12 |
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(15) Circle all the names for this shape.

