

# Home Connection 10 ★ Activity



## NOTE TO FAMILIES

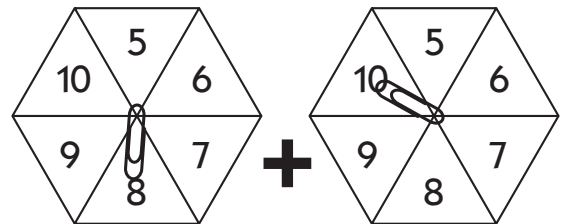
This week's Home Connection is a game called Anything but Five. Your child has played this game at school and will be able to teach you how to play. In this game, you begin with 95 points and race your partner back to 0 by subtracting points. This game provides practice adding and subtracting with and without regrouping. Play two rounds of the game and then have your child complete the worksheet.

You'll share the Anything but Five Record Sheet and the 2 spinners numbered 5 through 10 on the back of this page. You'll need a pencil for recording, as well as a pencil and paperclip to use as a spinner.

## Instructions for Anything but Five

- Write your names at the top of your record sheet. Read over these directions before you begin to play.
- Take turns spinning both spinners and finding the sum. Explain to the other player how you found the sum. If a player spun a 6 and a 9, she might say, "6 plus 9 is a fast nine fact. I know 6 plus 10 would be 16, so 6 plus 9 is 1 less. That's 15." Record a number sentence (e.g.,  $6 + 9 = 15$ ) on your record sheet to show the sum.
- Keep spinning and adding your spins until you decide to stop. If you spin a 5, you must stop spinning. You'll lose this turn and all the points you built up before spinning the 5.
- When you decide to stop spinning (if you haven't spun a 5), add up all your numbers, and then subtract the total from the number of points you have. Use whatever strategies work for you to find the difference.

Anything but Five Spinner



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Home Connections Ginny DATE \_\_\_\_\_

NAME \_\_\_\_\_

Home Connection 10 Activity (cont.)

Anything but Five Record Sheet page 1 of 2

Player 1 Ginny Player 2 Uncle Kyle

|               |                |  |  |
|---------------|----------------|--|--|
| $6 + 9 = 15$  | $95 - 33 = 62$ |  | $95 - \underline{\quad} = \underline{\quad}$ |
| $8 + 10 = 18$ |                |  |  |
|               |                |  |  |
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$$\begin{aligned}
 15 + 18 &= 15 + 15 + 3 \\
 &= 30 + 3 \\
 &= 33
 \end{aligned}$$

Continued on back.

**Home Connection 10** Activity (cont.)

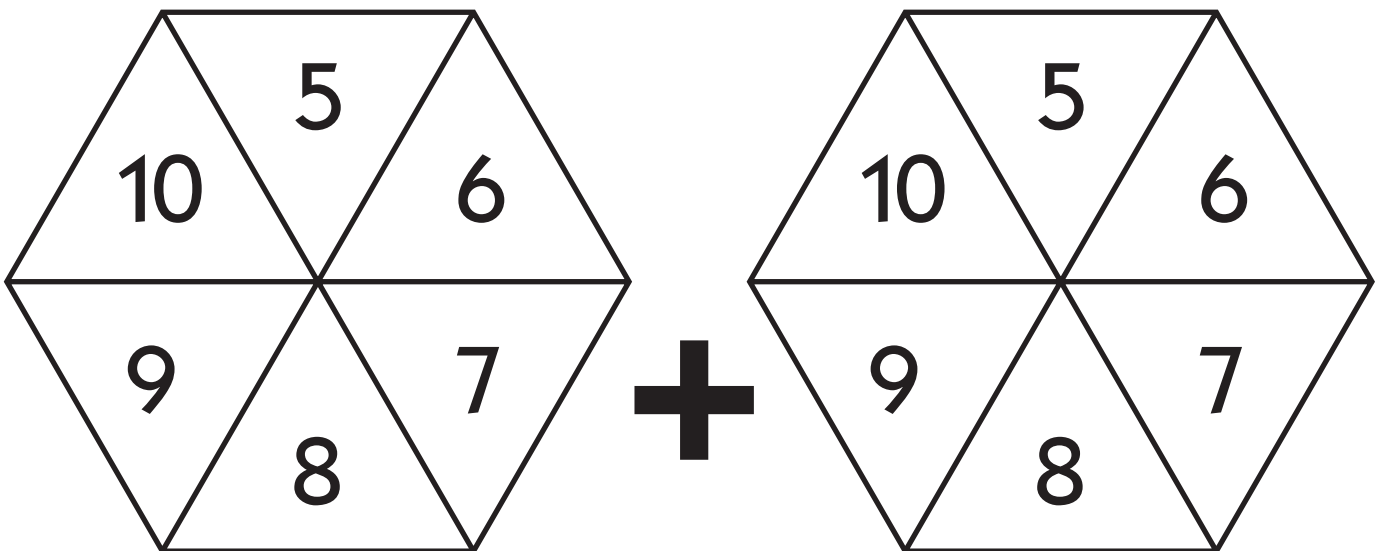
**5** Keep taking turns spinning and subtracting. Each time, you'll need to decide whether you want to stop or whether you want to keep spinning and risk getting a 5. The first player to get to 0 wins! (You don't need to get exactly to 0. If you have 14 points left and you spin a 7 and an 8 for a total of 15, you still win.)

**6** Turn the record sheet over and play another round.

**Note** The record sheet allows 10 turns. You may continue the game beyond 10 turns onto another piece of paper if you'd like.

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## Anything but Five Spinner



NAME \_\_\_\_\_

DATE \_\_\_\_\_

Home Connection 10 Activity (cont.)

**Anything but Five Record Sheet** page 1 of 2**Player 1** \_\_\_\_\_**Player 2** \_\_\_\_\_

|  |  |  |  |
|--|--|--|--|
|  | $95 - \underline{\quad} = \underline{\quad}$ |  | $95 - \underline{\quad} = \underline{\quad}$ |
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NAME \_\_\_\_\_

DATE \_\_\_\_\_

Home Connection 10 Activity (cont.)

**Anything but Five Record Sheet** page 2 of 2**Player 1** \_\_\_\_\_**Player 2** \_\_\_\_\_

|  |  |
|--|--|
|  | $95 - \underline{\quad} = \underline{\quad}$ |
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|--|--|
|  | $95 - \underline{\quad} = \underline{\quad}$ |
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NAME \_\_\_\_\_

DATE \_\_\_\_\_

# Home Connection 10 ★ Worksheet



## NOTE TO FAMILIES

This worksheet gives students the chance to practice addition and subtraction with 5, an important landmark number as they continue to work with larger numbers.

## Adding & Subtracting with Five

Complete the problems below.

$$\begin{array}{r} 11 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 39 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ - 5 \\ \hline \end{array}$$

$17 - \underline{\quad} = 5$

$14 - \underline{\quad} = 5$

$18 - \underline{\quad} = 5$

$20 - \underline{\quad} = 5$

$32 - \underline{\quad} = 5$

$48 - \underline{\quad} = 5$

$66 - \underline{\quad} = 5$

$72 - \underline{\quad} = 5$



## CHALLENGE

On the back of this sheet, make up some of your own problems with the number 5. Solve them too.



# Home Connection 11 ★ Activity



## NOTE TO FAMILIES

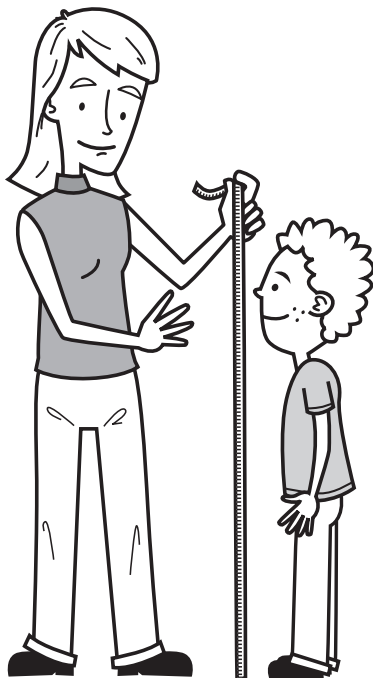
Your child has made a paper tape measure at school to use in this week's Home Connection, but you are also welcome to use a cloth or plastic one you might have at home. This activity gives students practice estimating lengths, measuring in centimeters, and finding the difference between 2- and 3-digit numbers. The tape measure is yours to keep. Please have your child return the record sheet and worksheet to school.

You'll need a tape measure and pencil for this activity.

### Instructions for Centimeter Measure

**1** Record both your names at the top of the Centimeter Measure Record Sheet.

**2** Estimate how tall you are in centimeters and record your estimates on the record sheet.



**3** Now measure yourselves with the centimeter tape measure. You may need to use the meter tape twice. Record your measurements in

centimeters on the record sheet. You can round your measurement to the nearest whole centimeter.

**4** Compare your estimate to the actual measurement. How close were you? Share your strategies for finding the exact difference between the estimate and the measurement.

NAME Darrell NAME Aunt Martha

Home Connection 11 Activity (cont.)

**Centimeter Measure Record Sheet**

| Object      | Estimate | Actual Measurement | Difference | Estimate | Actual Measurement | Difference |
|-------------|----------|--------------------|------------|----------|--------------------|------------|
| Your Height | 85       | 104                | 19         | 150      | 157                | 7          |
|             |          |                    |            |          |                    |            |
|             |          |                    |            |          |                    |            |
|             |          |                    |            |          |                    |            |
|             |          |                    |            |          |                    |            |

**5** Now choose at least 3 objects from around the house that you think are about half as tall or long as you are tall.

Continued on back.

**Home Connection 11** Activity (cont.)

**6** Estimate the lengths or heights of the objects and then measure them. You can round your measurements to the nearest whole centimeter.

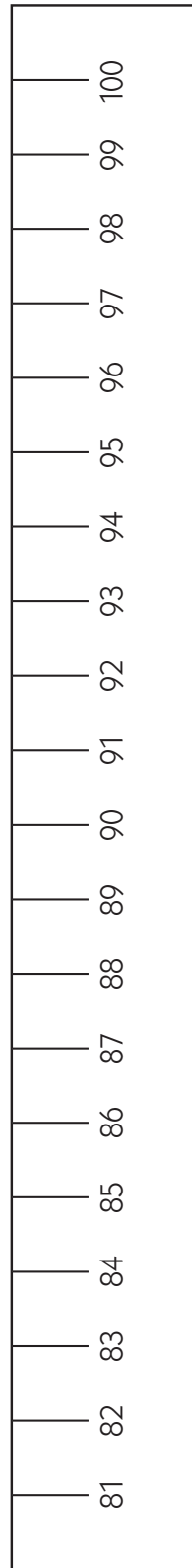
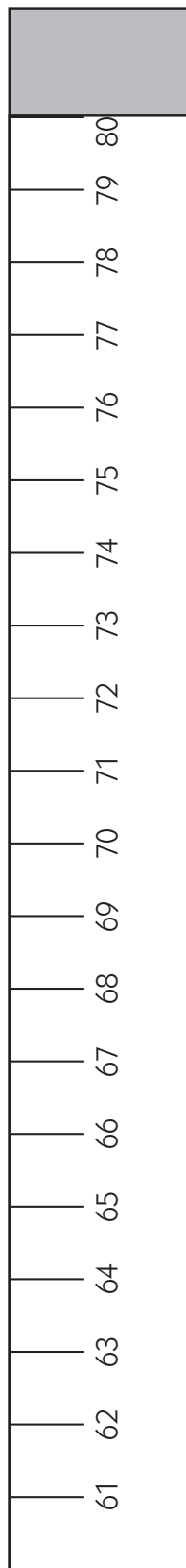
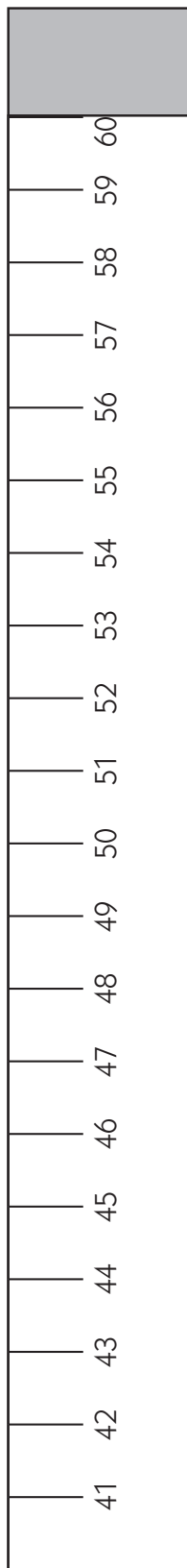
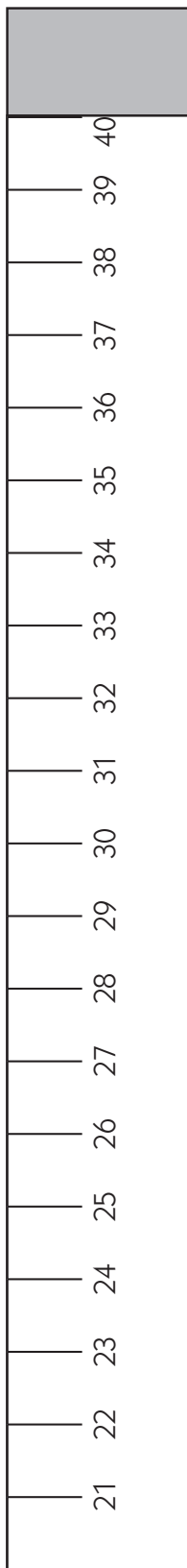
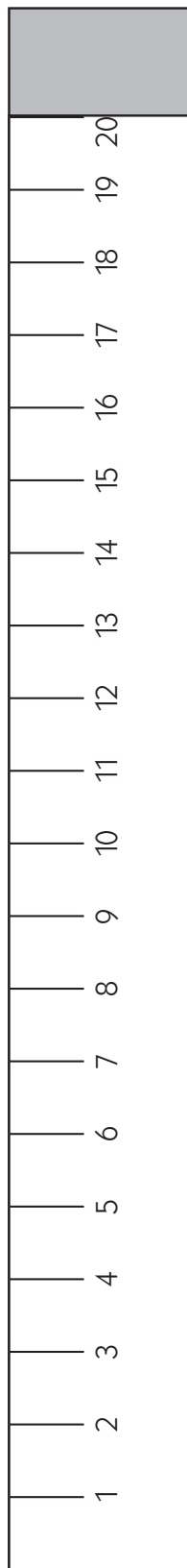
**7** Find the exact differences between your estimates and the actual measurements. Record the differences in the last column.

**8** Be sure to share your strategies for finding the differences as you go. Are you getting better at estimating?

## Home Connection 11 Activity (cont.)

**Centimeter Measuring Tape**

Cut out the five strips and tape together at gray tabs to create a 100-centimeter measuring tape.





NAME \_\_\_\_\_

NAME \_\_\_\_\_

Home Connection 11 Activity (cont.)

# Centimeter Measure Record Sheet

| Object      | Estimate | Actual Measurement | Difference | Estimate | Actual Measurement | Difference |
|-------------|----------|--------------------|------------|----------|--------------------|------------|
| Your Height |          |                    |            |          |                    |            |
|             |          |                    |            |          |                    |            |
|             |          |                    |            |          |                    |            |
|             |          |                    |            |          |                    |            |
|             |          |                    |            |          |                    |            |



# Home Connection 11 ★ Worksheet



## NOTE TO FAMILIES

This worksheet gives your child practice using familiar strategies to solve addition and subtraction problems with larger numbers. Feel free to help your child read the story problems if needed.

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## Doubles & Half Facts

1 Solve the following addition and subtraction facts.

$30 + 30 = \underline{\quad}$

$70 + 70 = \underline{\quad}$

$90 + 90 = \underline{\quad}$

$225 + 225 = \underline{\quad}$

$450 + 450 = \underline{\quad}$

$600 + 600 = \underline{\quad}$

$70 - 35 = \underline{\quad}$

$90 - 45 = \underline{\quad}$

$150 - 75 = \underline{\quad}$

$240 - 120 = \underline{\quad}$

$460 - 230 = \underline{\quad}$

$610 - 305 = \underline{\quad}$

2 What did you notice about these problems?

## Story Problems

Read and solve the following story problems. There are more story problems on the back of the page. Use pictures, numbers, and words to show your solutions.

3 Kyle was climbing the hill behind the school. He already climbed 87 feet, but he was only halfway to the top. How tall is this hill?

Continued on back.

**Home Connection 11** Worksheet (cont.)

**4** Arista was twice as tall as her brother Brian. She was 126 centimeters tall. How tall is her brother?

**5** Amber and DeShawn are always racing their bikes. Amber is ahead by 8 yards. How many feet is she ahead? (hint: 1 yard = 3 feet)

**6** Emma and Maria were throwing the ball as far as they could. Emma threw the ball 8 feet. Maria threw the ball 3 yards. Who threw the ball farther? (hint: 1 yard = 3 feet)

# Home Connection 12 ★ Activity


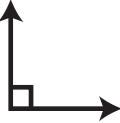
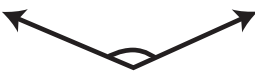


## NOTE TO FAMILIES

We have been identifying angle measurements that are equal to 90 degrees (right angles), less than 90 degrees (acute angles), and more than 90 degrees (obtuse angles). A right angle is like the corner of this paper. We'd like you to locate some 2- or 3-dimensional objects around your home, see what kinds of angles they have, and record your observations below. Please have your child complete the other side of this page and return it to school.

## Instructions for Angle Measures

1 Fill out the table below with at least five examples of each type of angle. Explain to your family member how you know for sure what kind of angle you see. You could use the corner of this page to measure each angle to see if it is less than, greater than, or equal to a right angle.

| <b>Acute Angle</b><br>(less than $90^\circ$ )<br> | <b>Right Angle</b><br>(exactly $90^\circ$ )<br> | <b>Obtuse Angle</b><br>(more than $90^\circ$ )<br> |
|--|--|---|
| Scissors opening   | Table corner   | Chair leg   |
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Continued on back.

**Home Connection 12** Activity (cont.)

**2** Can you find objects that have more than one kind of angle? Name those objects and tell which kinds of angles they have.

**3** Estimate whether the sums below will be more or less than 90.

|           |      |      |
|-----------|------|------|
| $29 + 68$ | more | less |
| $78 + 15$ | more | less |
| $53 + 22$ | more | less |
| $66 + 33$ | more | less |
| $27 + 56$ | more | less |
| $41 + 65$ | more | less |

|           |      |      |
|-----------|------|------|
| $37 + 44$ | more | less |
| $80 + 12$ | more | less |
| $58 + 49$ | more | less |
| $28 + 36$ | more | less |
| $98 + 24$ | more | less |
| $62 + 45$ | more | less |