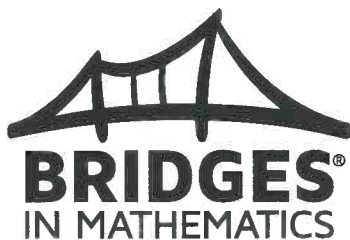


# Home Connections

GRADE 4 – UNIT 4 – MODULE 1



NAME \_\_\_\_\_

DATE \_\_\_\_\_



## Number Riddles & Stories page 1 of 2

**1** Draw a line to show which number matches each description. The first one is done for you.

- ex** This number has a 2 in the thousands place. 46,305
- a** This is an even number with a 6 in the hundreds place. 32,617
- b** This number is equal to  $30,000 + 4,000 + 80 + 2$ . 45,052
- c** This number is 1,000 less than 46,052. 19,628
- d** This is an odd number with a 6 in the thousands place. 34,082

**2** Write each number in words.

<b>ex</b> 17,329	seventeen thousand, three hundred twenty-nine
<b>a</b> 33,072	
<b>b</b> 86,105	
<b>c</b> 74,629	

**3** **CHALLENGE** Write an even number that has a 7 in the hundreds place, has an odd number in the thousands place, and is a multiple of 10.

*(continued on next page)*

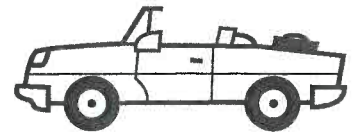
NAME \_\_\_\_\_

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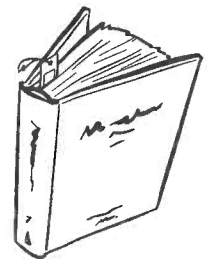
**Number Riddles & Stories** page 2 of 2

Solve the problems below. Show all your work.

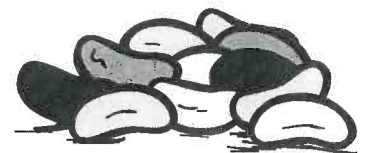
- 4** Felipe's family is driving to see his grandmother. Altogether, they have to drive 856 miles. If they have gone 269 miles so far, how much farther do they have to drive?



- 5** In our classroom library, we had 326 books. We gave 38 books to the other fourth grade classroom, but our teacher got 97 more books for our classroom library. How many books do we have in our classroom library now?



- 6** **CHALLENGE** At the school fair, students were guessing how many jellybeans were in a jar. Nicky guessed there were 296 jellybeans. Caitlyn guessed there were 435 jellybeans. Samira guessed a number that was 52 more than Nicky and Caitlyn's put together. What was Samira's guess?



NAME \_\_\_\_\_

DATE \_\_\_\_\_



## Big Numbers page 1 of 2

- 1** Each weekend, Dylan and his dad go fishing. Dylan checks the odometer reading before each trip and records it in their mileage book. (An odometer is an instrument on the dashboard of a car that tells how far you've driven in all.) Put these readings in the order that they would appear in the book, from least to greatest. The first one has been done for you.

93,102      90,089      89,776      91,438      95,004      99,173      91,204

89,776

- 2** Look at the following numbers. Circle the number that is the closest to 60,034.

60,000                  60,100                  60,200                  60,300

- 3** Circle the number closest to 194,321.

190,000      191,000      192,000      193,000      194,000      195,000      196,000

- 4** Circle the number closest to 233,904.

230,000      231,000      232,000      233,000      234,000      235,000      135,000

- 5** Circle the number closest to 234,900,032.

232,000,000                  233,000,000                  234,000,000                  235,000,000

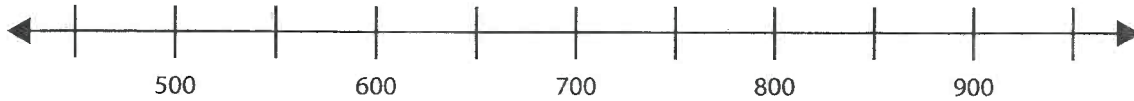
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NAME \_\_\_\_\_

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**Big Numbers** page 2 of 2

- 6** Round each of the numbers below to the nearest hundred. Use the number line to help if you like. (Hint: Look at the number in the tens place.)



567 rounds to \_\_\_\_\_      717 rounds to \_\_\_\_\_      889 rounds to \_\_\_\_\_

450 rounds to \_\_\_\_\_      649 rounds to \_\_\_\_\_      905 rounds to \_\_\_\_\_

- 7** Round each of the numbers below to the nearest 1,000. Use the number line to help if you like. (Hint: Look at the number in the hundreds place.)



4,903 rounds to \_\_\_\_\_      5,099 rounds to \_\_\_\_\_      9,499 rounds to \_\_\_\_\_

7,500 rounds to \_\_\_\_\_      8,750 rounds to \_\_\_\_\_      6,138 rounds to \_\_\_\_\_

- 8** Amanda is sure she got the high score on a video game, but she's not sure what the number is.

**a** Please write it down for her using base ten numbers. She scored nine hundred forty-three million, two hundred sixty-one thousand, five hundred eighty-six.

**b** Caleb is positive he beat Amanda's score. His score was 925,298,199. Who got the higher score? How do you know?



## Addition Algorithm & More page 1 of 2

**1** Solve the problems below using the standard algorithm for addition.

$$\begin{array}{r} 157 \\ + 188 \\ \hline \end{array}$$

$$\begin{array}{r} 252 \\ + 679 \\ \hline \end{array}$$

$$\begin{array}{r} 399 \\ + 411 \\ \hline \end{array}$$

$$\begin{array}{r} 676 \\ + 297 \\ \hline \end{array}$$

**2** Alonzo used the standard algorithm to solve the problem below.

$$\begin{array}{r} | \\ 176 \\ + 258 \\ \hline 324 \end{array}$$

**a** Did Alonzo use the algorithm correctly? Explain your answer.

**b** How would you solve  $176 + 258$ ? Show your work.

**3** Patricia used the standard algorithm to solve the problem below.

$$\begin{array}{r} 63 \\ 384 \\ + 559 \\ \hline 1411 \end{array}$$

**a** Did Patricia use the algorithm correctly? Explain your answer.

**b** How would you solve  $384 + 559$ ? Show your work.

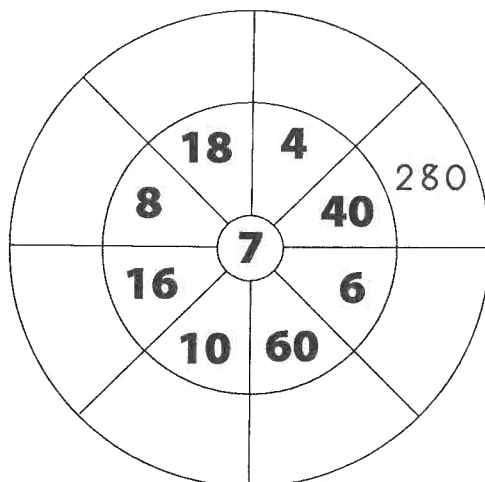
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NAME \_\_\_\_\_

DATE \_\_\_\_\_

**Addition Algorithm & More** page 2 of 2**Review**

4 Fill in the blanks in the multiple wheel below.



5 Fill in the blanks in the equations below.

$$5 \times 20 = 5 \times 2 \times \underline{\hspace{2cm}} \quad 12 \times 30 = 12 \times \underline{\hspace{2cm}} \times 10 \quad 8 \times \underline{\hspace{2cm}} = 8 \times 6 \times 10$$

6 Simon wants to add 3 numbers that total 1,000. He starts with these numbers: 567 and 354.

a What is the sum of Simon's first two addends? Show your work.

b What number does Simon need to reach 1,000? Show your work.

7 **CHALLENGE** Isabella babysits so she can earn money for a new snowboard. She charges \$6.75 an hour. In April, Isabella babysat for 10 hours on one weekend, 12 hours another weekend, and 20 hours during another weekend. How much money did Isabella earn babysitting in April?