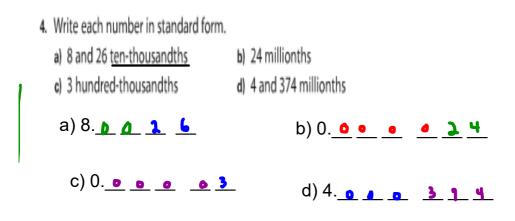


#### Practice 1. Use a place-value chart to show each number. c) 0.0007 d) 0.000 298 a) 2.3425 b) 0.142 86 Hundred Ten Thousandths Hundred Millions Millionth Ones Thousands Thousandths 1 2 3 ٥ 9 Use the numbers in the table. 0.635 734 Write the number that has a 5 in: a) 2.184 592 0.506 312 a) the ten-thousandths position 1.003 825 b) 1. 003 825 b) the millionths position 3.702 456 2.184 592 c) the thousandths position c) $0.635\ 734$ d) the hundred-thousandths position e) the tenths position d) 3.702 456

Describe the meaning of each digit in 4.524 371.

e) 0.506 312

The 4 to the left of the decimal point represents 4 ones, the 5 represents 5 tenths, the 2 represents 2 hundredths, the 4 to the right of the decimal point represents 4 thousandths, the 3 represents 3 ten-thousandths, the 7 represents 7 hundred-thousandths, and the 1 represents 1 millionth.



### Chapter 3 Decimals Lesson 1.5 Review of Grade 5 product & Quotient DayNoOtentsern201ce200168k



- a) 0.0056 = 0.005 + 0.0006
- B) 0.00049 = 0.0004 + 0.00009
- c) 3.000023 = 3 + 0.00002 + 0.000003
- d) 0.348619 = 0.3 + 0.04 + 0.008 + 0.0006 + 0.00001 + 0.000009
  - Write a decimal that is between:

a) 2.153 and 2.154 b) 0.6534 and 0.6535 2.1530 2.1540 0.65340 0.65350 2.1537, 0.65347,



Find two examples of very small numbers in the media.
 Write each number in a place-value chart. Explain how you use the patterns in the chart to read these numbers.

8. How are the values of the red digits in each number related?

a) 5.000 05 b) 2.1433 c) 0.677 56 d) 4.234 654

- 8a) 5 ones are 100 000 times as great as 5 hundred-thousandths
- b) 3 thousandths are 10 times as great as 3 ten-thousandths
- c) 6 tenths are 10 000 times as great as 6 hundred-thousandths
- d) 4 Thousandths are 1000 times as great as 4 millionths
- 9. Write the number in each fact in as many different forms
  - a) A strand of silk in the web of a garden spider has
  - a diameter of about 0.000 003 m.
    b) The diameter of one red blood cell is about 0.000 762 cm
  - c) The mass of a grain of rice is about 0.000 02 kg.



- a) 3 millionths, or three millionths;
- b) 7 ten-thousandths + 6 hundred-thousandths + 2 millionths

0.0007 + 0.000 06 + 0.000 002

c) 0. 000 02 or 2 hundred-thousandths

or

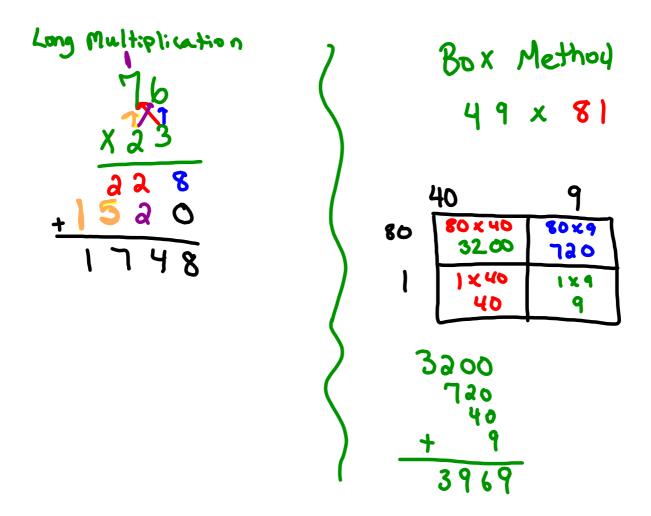
#### two hundred-thousandths

- 10. Use any or all of these digits: 1, 0, 2, 0, 4, 0, 5, 0a) Write 5 numbers less than one thousandth.
  - b) Which of your numbers is the least? How do you know?
  - c) Which of your numbers is the greatest? How do you know?
    - a) 0.000 12, 0.0002, 0.000 42, 0.0005, 0.000 245
    - b) 0.000 12 it has the least amount of ten-thousandths 0 ones, 0 tenths, 0 hundredths, 0 thousandths,
    - d) 0.0005 all numbers have 0 ones, 0 tenths, 0 hundredths, and 0 thousandths but 0.0005 has the greates tenthousandths

## Chapter 3 Decimals Lesson 1.5 Review of Grade 5 product & Quotient DayNoOscentfern200te200168k

	Grade Five		Grade Six			Makes Sense 5	
	N5 Demonstrate an understanding of multiplication (2-digit by 2-digit) to solve problems.  N6 Demonstrate, with and without concrete materials, an understanding of division (3-digit by 1-digit) and interpret remainders to solve problems.	of multipl decimals	onstrate an underst lication and division (1-digit whole num is and 1-digit natura divisors).	of ber			
			I trea Model				
Let's recall			Box method				
Let's recall			54 x 92				
	x 49 - 2 4 3		90	50 *	0	4 <b>4</b>	
4	1080		'	49	5 00	360	
	13 23		2	2 ×	50 10	8 8 x 4	
			450 36 10 4	0	5	54 x 92 4 968	
					288	3 ÷ 6	
	454 ÷ 8				4 8	3	
	8 454 -40 54 -48 6	R6		hivide	2 8 8 2 4 J 4 8 - 48	1 Pic. 41	
	^^	ss and <u>cut ea</u> ch pie into 3 pieces.					

Jim brought 28 pies to class and cut each pie into 3 pieces. Estimate how many pieces of pie were there.



Worksheet 2 digit or more multiplication

Show work with long multiplication

Calculate product with area model (area model)

# Worksheet 2 Continues Quotient

Show work with long division (Show any remainders)

$$5)3904 \div 4$$



- 1. Estimate each product or quotient. Which strategies did you use? Tell if your estimate is an overestimate or an underestimate.
  - a)  $7.01 \times 9$
- **b)** 3.8 × 7
- c) 11.85 × 5
- d) 19.925 × 4

- e) 9.8 ÷ 5
- f) 12.31 ÷ 2
- g) 56.093 ÷ 7
- h) 225.3 ÷ 5
- 2. Waldo paid \$29.85 for 3 admission tickets to the Calgary Tower. Estimate the cost of one admission ticket.
  - 3. A pair of ice cleats for ice fishing costs \$14.89. About how much will 6 pairs of ice cleats cost? How did you find out?
  - 4. Estimate the perimeter of each square. Tell if your estimate is an overestimate or an underestimate. How do you know?

a) 1.3 cm

b) 2.1 cm

**c)** 2.6 cm

Chapter 3 Decimals Lesson 1.5 Review of Grade	product & Quotient Da	y <b>Nlo@kædsfe</b> rr <b>20t;e2001d8</b> k
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- 5. Estimate the side length of a square with perimeter:
  - a) 24.2 cm
- **b)** 29.8 cm
- c) 35.6 cm
- 6. a) Is  $9.47 \times 5$  greater than, or less than, 45? How can you estimate to find out?
  - b) Is 23.86 ÷ 4 greater than, or less than, 6? How can you estimate to find out?
     Show your work.
  - 7. Copy and complete. Write >, <, or =. How did you decide which symbol to use?
    - a)  $5.6 \times 2 \square 1.4 \times 4$
- **b)** 4.8 ÷ 2 □ 15.5 ÷ 5