

# Lesson 1 Division (3-digit)

Think about each digit in the quotient.

*hundreds*

$$\begin{array}{r} 3 \overline{)4} \\ 1 \end{array}$$

*tens*

$$\begin{array}{r} 14 \\ 3 \overline{)427} \\ \underline{300} \\ 127 \\ \underline{120} \\ 7 \end{array}$$

*ones*

$$\begin{array}{r} 142 \text{ r}1 \\ 3 \overline{)427} \\ \underline{300} \\ 127 \\ \underline{120} \\ 7 \\ \underline{6} \\ 1 \end{array}$$

Divide.

*a**b**c**d**e*

1.  $2 \overline{)268}$

$3 \overline{)459}$

$5 \overline{)705}$

$6 \overline{)965}$

$2 \overline{)483}$

2.  $6 \overline{)555}$

$9 \overline{)421}$

$7 \overline{)686}$

$8 \overline{)406}$

$3 \overline{)254}$

3.  $7 \overline{)476}$

$3 \overline{)654}$

$5 \overline{)982}$

$9 \overline{)734}$

$4 \overline{)502}$

## Lesson 2 Division (4-digit)

Think about each digit in the quotient.

Diagram 1: *hundreds*  $6 \overline{)52}$   $\xrightarrow{8}$   $6 \overline{)5237}$   
 $\underline{4800}$   
 437

Diagram 2: *tens*  $6 \overline{)43}$   $\xrightarrow{7}$   $6 \overline{)5237}$   
 $\underline{4800}$   
 437  
 $\underline{420}$   
 17

Diagram 3: *ones*  $6 \overline{)17}$   $\xrightarrow{2}$   $6 \overline{)5237}$   
 $\underline{4800}$   
 437  
 $\underline{420}$   
 17  
 $\underline{12}$   
 5

Divide.

<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>
1. $2 \overline{)1248}$	$7 \overline{)4291}$	$3 \overline{)2580}$	$6 \overline{)3348}$	$5 \overline{)3745}$

2. $8 \overline{)6483}$	$9 \overline{)8174}$	$4 \overline{)2509}$	$2 \overline{)1983}$	$7 \overline{)3490}$
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3. $3 \overline{)2922}$	$6 \overline{)5277}$	$5 \overline{)4350}$	$8 \overline{)6543}$	$9 \overline{)6255}$
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## Lesson 3 Division (4-digit)

Think about each digit in the quotient.

The diagram shows four stages of dividing 9527 by 4:

- Thousands:**  $4 \overline{)9}$  with a box around the 9 and a box around the 2 in the quotient. An arrow points from the 2 to the thousands place of the dividend.
- Hundreds:**  $4 \overline{)9527}$  with a box around the 23 in the quotient. An arrow points from the 23 to the hundreds and tens places of the dividend.
- Tens:**  $4 \overline{)9527}$  with a box around the 238 in the quotient. An arrow points from the 238 to the thousands, hundreds, and tens places of the dividend.
- Ones:**  $4 \overline{)9527}$  with a box around the 2381 in the quotient. An arrow points from the 2381 to all four places of the dividend.

Divide.

<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>
1. $6 \overline{)6684}$	$3 \overline{)9642}$	$8 \overline{)8032}$	$5 \overline{)7845}$	$9 \overline{)9819}$

2. $5 \overline{)5758}$	$4 \overline{)4287}$	$7 \overline{)9466}$	$6 \overline{)8755}$	$4 \overline{)9979}$
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## Lesson 3 Problem Solving

Solve each problem.

1. A trip is 956 km long. The same distance will be driven on each of two days. How many kilometres will be driven on each day?

\_\_\_\_\_ km will be driven each day.

2. A pony-express trip of 1230 km took 5 days. The rider went the same number of kilometres each day. How many kilometres did the rider go each day?

The rider went \_\_\_\_\_ km each day.

3. The Thompsons' car cost \$9624. They paid the same amount in each of 3 years. How much did they pay each year?

\_\_\_\_\_ was paid each year.

4. A tank contains 555 L of oil. 9 L of oil are used each day. How many days will the supply last? How many litres will be left over?

The supply will last \_\_\_\_\_ days.

\_\_\_\_\_ L will be left over.

5. At Pointview School there are four grades and 4196 students. There is the same number of students in each grade. How many students are in each grade?

\_\_\_\_\_ students are in each grade.

6. A plane flies three round trips of 5280 km. How many kilometres does it fly?

The plane flies \_\_\_\_\_ km.

7. Each box holds eight cans. There are 9539 cans to be packed. How many boxes will be filled? How many cans will be left over?

\_\_\_\_\_ boxes will be filled.

\_\_\_\_\_ cans will be left over.

1.

2.

3.

4.

5.

6.

7.

**CHAPTER 10 PRACTICE TEST**  
Division (4-digit)

Divide.

	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>
1.	$3 \overline{) 216}$	$6 \overline{) 481}$	$4 \overline{) 2284}$	$2 \overline{) 1256}$	$6 \overline{) 1848}$

2.	$7 \overline{) 5478}$	$8 \overline{) 3645}$	$5 \overline{) 4378}$	$8 \overline{) 6245}$	$4 \overline{) 3675}$
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3.	$9 \overline{) 9819}$	$7 \overline{) 8442}$	$5 \overline{) 7605}$	$5 \overline{) 5256}$	$7 \overline{) 9184}$
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4.	$3 \overline{) 8252}$	$6 \overline{) 8755}$	$8 \overline{) 9147}$	$9 \overline{) 9171}$	$3 \overline{) 8678}$
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# CHAPTER 11 PRETEST

## Multiplication and Division

Multiply or divide. Check each answer.

*a*

$$1. \begin{array}{r} 213 \\ \times 2 \\ \hline \end{array}$$

*b*

$$\begin{array}{r} 2202 \\ \times 4 \\ \hline \end{array}$$

*c*

$$\begin{array}{r} 3123 \\ \times 3 \\ \hline \end{array}$$

$$2. \begin{array}{r} 787 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 1654 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 359 \\ \times 6 \\ \hline \end{array}$$

$$3. 2 \overline{)126}$$

$$3 \overline{)679}$$

$$8 \overline{)964}$$

$$4. 5 \overline{)4507}$$

$$9 \overline{)8722}$$

$$6 \overline{)6726}$$

$$5. 4 \overline{)1345}$$

$$7 \overline{)1234}$$

$$5 \overline{)6752}$$