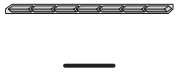
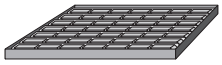
Name _____ Date _____

Practice
Lesson 1

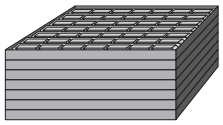
Combining and Reducing Eraser Shipments



7 erasers to a pack
(7 erasers total)



7 packs to a box
(49 erasers total)



7 boxes to a crate
(343 erasers total)

Circle the number that is the best estimate for each amount of erasers.

1 2 boxes of erasers	**75**	**100**	**125**
2 2 crates	**700**	**750**	**800**
3 4 crates	**1000**	**1200**	**1400**
4 1 box and 1 crate	**360**	**400**	**420**

Use estimation to fill in the blanks.

5 A customer ordered **428 erasers.** The shipment contained _____ full ▢.

6 A customer ordered **106 erasers.** The shipment contained _____ full ▢.

7 A customer ordered **43 erasers.** The shipment contained _____ full —.

8 A customer ordered **312 erasers.** The shipment contained _____ full ▢.

9 A customer ordered **214 erasers.** The shipment contained _____ full ▢.

Test Prep

10 There are 4 quarts in 1 gallon. How many quarts are there in 5 gallons? Tell how you know.

_____

_____

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Name _____ Date _____

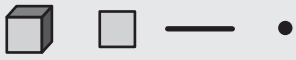
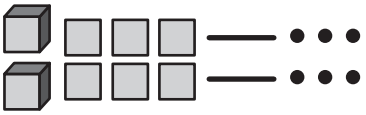
Practice
Lesson 2

Shipment Records at the Eraser Store

• an eraser — a pack of 7 erasers ▭ a box of 7 packs (49 erasers)

a crate of 7 boxes (49 packs or 343 erasers)

1 Complete the records.

Shipment	Total Number of Erasers	Shorthand	
A	10		___, ___, ___, ___
B	100		0, 2, 0, 2
C			0, 6, 0, 6
D	500		___, ___, ___, ___
E			___, ___, ___, ___

Test Prep

2 Mary had 26 books to arrange on 3 shelves. She wanted the number of books on each shelf to be the same, but that is impossible. She wanted two shelves to have the same number of books. How could she arrange the books?

_____

_____

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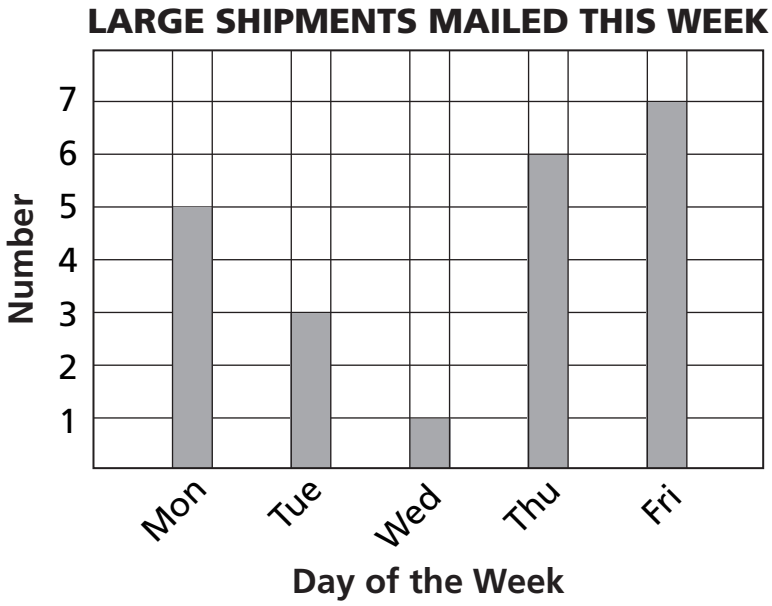
Name _____ Date _____

Practice
Lesson 3

Organizing Shipment Data

Use the graph from the Eraser Store to answer the questions below.



1. Which day had the most large shipments? _____

2. Between which two consecutive days did the number of large shipments increase the most? _____

3. How many large shipments were mailed this week? _____

Test Prep

4. In which number sentence is 8 the missing number?

   A. 63 ÷ 9 = ■

   B. 48 ÷ ■ = 6

   C. 49 ÷ 7 = ■

   D. 56 ÷ ■ = 9

5. Which number goes in the box?

   37 + ■ = 100

   A. 63

   B. 73

   C. 67

   D. 57

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Practice
Lesson 4

Combining and Reducing Shipments

• an eraser	a box of 7 packs
— a pack of 7 erasers	a crate of 7 boxes

Combine or separate the shipments.

1

0, 2, 3, 1

\+ 1, 0, 2, 4

_____, _____, _____, _____

2

1, 0, 6, 6

− 0, 0, 5, 3

_____, _____, _____, _____

3

0, 0, 5, 5

\+ 0, 1, 0, 4

_____, _____, _____, _____

4

1, 1, 4, 6

− 0, 1, 5, 5

0, _____, _____, _____

5

0, 0, 3, 6

\+ 1, 0, 3, 3

_____, _____, _____, _____

6

2, 1, 5, 4

− 0, 2, 6, 5

_____, _____, _____, _____

Test Prep

7 What number comes next? Explain how you found the answer.
1, 4, 9, 16, 25, . . .

_____

_____

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Name _____ Date _____

Practice
Lesson 5

Packaging Erasers in Tens

• an eraser

▭ a box of 10 packs

— a pack of 10 erasers

▭ a crate of 10 boxes

Add or subtract the shipments.

1 ▭ ▭ — •

1, 5, 8, 4
− 0, 4, 6, 1

____, ____, ____, ____

2 ▭ ▭ — •

2, 2, 6, 5
+ 0, 2, 8, 4

____, ____, ____, ____

3 ▭ ▭ — •

6, 0, 7, 9
+ 1, 1, 2, 6

____, ____, ____, ____

4 ▭ ▭ — •

7, 5, 4, 2
− 1, 4, 8, 7

____, ____, ____, ____

5 ▭ ▭ — •

1, 8, 3, 7
+ 1, 1, 4, 9

____, ____, ____, ____

6 ▭ ▭ — •

6, 7, 2, 0
− 1, 0, 8, 8

____, ____, ____, ____

Test Prep

7 The chart shows how many people visited a zoo during the first 4 years that it was open. Which list shows the number of visitors in order from least to greatest?

Year	Number of Visitors
1	4,290
2	3,924
3	3,409
4	4,092

A. 4,290, 4,092, 3,924, 3,409

B. 3,409, 3,924, 4,290, 4,092

C. 4,290, 3,924, 3,409, 4,092

D. 3,409, 3,924, 4,092, 4,290

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Name _____ Date _____

Practice
Lesson 6

Multiple Shipments

• an eraser — a box of 10 packs

— a pack of 10 erasers — a crate of 10 boxes

Find the total shipments.

1.

   0, 1, 2, 4

   × 2

   _____, _____, _____, _____

2.

   1, 1, 6, 3

   × 3

   _____, _____, _____, _____

3.

   1, 4, 0, 8

   × 7

   _____, _____, _____, _____

4.

   1, 1, 5, 6

   × 6

   _____, _____, _____, _____

5.

   0, 0, 7, 9

   × 8

   _____, _____, _____, _____

6.

   1, 0, 8, 5

   × 4

   _____, _____, _____, _____

Test Prep

7. Which word problem could be represented by the number sentence $5 \times 4 = 20$?

   A. Kim had **5** notebooks. She bought **4** more notebooks. How many notebooks did she have?

   B. Kim bought **5** packages of notebooks with **4** notebooks in each package. How many notebooks did she buy?

   C. Kim had **5** notebooks. She gave away **4** of them. How many notebooks did she have left?

   D. Kim had **5** packages of notebooks. She unpacked the notebooks and put them in **4** stacks. How many notebooks were in each stack?

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Name _____ Date _____

Practice
Lesson 7

Sharing Shipments

Complete the orders.

Remember that there are **10** erasers in a pack, **10** packs in a box, and **10** boxes in a crate.

1 ☐☐ — •

1, 8, 0, 3

− 0, 4, 9, 6

_____, _____, _____, _____

2 ☐☐ — •

0, 0, 9, 2

+ 1, 8, 0, 9

_____, _____, _____, _____

3 ☐☐ — •

1, 3, 5, 5

× 6

_____, _____, _____, _____

4 ☐☐ — •

_____, _____, _____, _____

3 | 0, 9, 3, 6

5 ☐☐ — •

0, 8, 2, 4

× 5

_____, _____, _____, _____

6 ☐☐ — •

_____, _____, _____, _____

2 | 1, ☐ 2, 8, 8

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Test Prep

7 Maple Park Elementary School had a jump rope contest. Peter jumped 296 times. Selene jumped 407 times. What is the best estimate of how many more times Selene jumped than Peter?

A. 200 **C.** 150

B. 250 **D.** 100

Name _____ Date _____

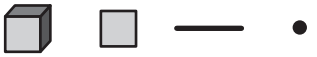
Practice
Lesson 8

Multiplying and Dividing Shipments

Find the total orders.

Remember that there are **10** erasers in a pack, **10** packs in a box, and **10** boxes in a crate.

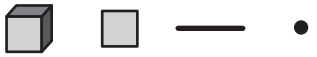
1



_____, _____, _____, _____

4 | 0, 1, □ 0, □ 0

2



_____, _____, _____, _____

3 | 4, □ 2, 7, □ 5

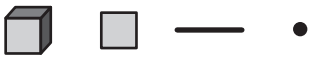
3

4, 3, 6, 5

\+ 2, 7, 3, 5

_____, _____, _____, _____

4

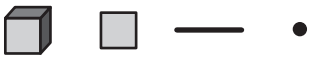


5, 2, 1, 0

− 1, 8, 3, 7

_____, _____, _____, _____

5



1, 9, 7, 2

× _____

_____, _____, 1, 6

Test Prep

6 Bobby put 3 empty cups on the table. He had 4 stones, which he put in the cups. Could all the cups have different numbers of stones? Explain.

_____

_____

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Name _____ Date _____

Practice
Lesson 9

Connecting Shipment Records to Place Value

Oh, no! Someone forgot most of the commas!
Oh well, you know how to complete the problems anyway.

Remember that there are **10** erasers in a pack, **10** packs in a box, and **10** boxes in a case.

1

	2,	5	6	9
+	3,	3	1	8
	____,	____	____	____

2

	5,	7	2	6
−	2,	3	4	5
	____,	____	____	____

3

	1,	3	8	6
×				4
	____,	____	____	____

4

____, ____, ____, ____

3 | 6, 6 0 9

5

1,050 ÷ 10 = ____ ____ ____

Test Prep

6 Brianna, Charlotte, and Dan had a jumping contest,

- Brianna jumped 2 feet.
- Charlotte jumped 1 foot more than Brianna.
- Dan jumped 1 foot less than Brianna.

How much farther did Charlotte jump than Dan? Explain your answer.

_____

_____

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Name _____ Date _____

Practice
Lesson 10

Estimating Shipment Orders

Estimate the results.

1

	3,	5	8	9
+	4,	3	1	6
	____,	X	X	X

2

	5,	6	2	6
−	1,	2	4	5
	____,	X	X	X

3

	____,	____	X	X
2	3,	0	6	2

4

	3	0	4
×			5
	____,	____	X	X

5

	1,	2	9	2
×				4
	____,	X	X	X

6

		____	X	X
4	2,	5	8	4

Test Prep

7 To get ready for her class, Ms. Mewton wants to have 4 crayons on each of 7 tables in her classroom. She has only 14 crayons. Which incomplete number sentence shows how many more crayons she needs?

A. $(7 \times 4) - 14 = \blacksquare$

B. $(14 - 7) \times 4 = \blacksquare$

C. $(14 - 4) \times 7 = \blacksquare$

D. $(14 + 4) \times 7 = \blacksquare$

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