

#### EXERCISE 1: NUMBER FAMILIES MULTIPLICATION/DIVISION—DIVISION FACTS

a. Open your workbook to Lesson 42 and find part 1. ✔

(Teacher reference:)

a.	3,8	d <sup>4</sup> →	12 g. 9	j.	3 → 18
b		e. 9	81 h24	k.	2 →
c.	9 →	f. 3 →	i <sup>8</sup> 72	I	<sup>7</sup> 63

One of the numbers in each family is missing. You'll say the problem and the answer for the missing number in each family. Then you'll complete the families.

- Family A. Say the problem for the missing number. (Signal.) 3 × 8.
- What's 3 × 8? (Signal.) 24.
- b. (Repeat the following tasks for families B through L:)

Say the problem for family		What's	?
В	36 ÷ 6	36 ÷ 6	6
С	9 × 6	9 × 6	54
D	12 ÷ 4	12 ÷ 4	3
E	81 ÷ 9	81 ÷ 9	9
F	3 × 7	3 × 7	21
G	9 × 4	9 × 4	36
Н	24 ÷ 8	24 ÷ 8	3

(If students were 100% on families A through H, skip to step c.)

I	72 ÷ 8	72 ÷ 8	9
J	18 ÷ 3	18 ÷ 3	6
К	2 × 9	2 × 9	18
L	63 ÷ 7	63 ÷ 7	9
(Reneat f	amilias that wara n	ot firm )	

(Repeat families that were not tirm.)c. Write the missing number in each family. Put

your pencil down when you've completed the families in part 1.

(Observe students and give feedback.)

- d. Check your work. You'll tell me the missing number you wrote for each family.
- **⊢** Family A. (Signal.) 24.
- (Repeat for:) B, 6; C, 54; D, 3; E, 9; F, 21;
   G, 36; H, 3; I, 9; J, 6; K, 18; L, 9.

#### e. Find part 2 in your workbook. ✓ (Teacher reference:)

a. 8 × 3 =	g. 5 × 5 =	m.4 16	s. 7 49	y. 5 10
<b>b</b> 0 v 1 -	► 2 <u>27</u>	- 0.46-	1 2 14	- 7 - 0 -
D. 3 × 4 =	II. 3127	n. 9 × 0 =	. 2114	2. 7 × 9 =
c. 9 18	i. 8 64	o.6 36	u. 9190	A.3 27
d. 3 21	j. 8 × 9 =	p. 8 72	v. 9 × 9 =	<b>B</b> . 9 × 5 =
e. 4 × 4 =	к. 3 × 7 =	q. 3 × 6 =	w. 5 × 8 =	<b>c</b> . 9 81
f. 3 9	I. 10 100	r. 10 80	x. 9 54	<b>D</b> . 5 45

These multiplication and division problems are from multiplication families you know. You'll read some of the problems and tell me if the answer is the big number or a small number. Then you'll work all of the problems.

- f. Read problem A. (Signal.) 8 × 3.
- Is the answer the big number or a small number? (Signal.) *The big number.*
- What's 8 × 3? (Signal.) 24.
- g. (Repeat the following tasks with problems B through H:)

Read problem		Is the answer the big number or a small number?	What's _	?
В	9 × 4	The big number.	9 × 4	36
С	18 ÷ 9	A small number.	18 ÷ 9	2
D	21 ÷ 3	A small number.	21 ÷ 3	7
Е	4 × 4	The big number.	4 × 4	16
F	9 ÷ 3	A small number.	9÷3	3
G	5 × 5	The big number.	5 × 5	25
Н	27 ÷ 3	A small number.	27 ÷ 3	9

(Repeat problems that were not firm.)

- h. Work all the problems in part 2. You have two minutes.
- Get ready. Go.

(Observe students and give feedback.)

• (After 2 minutes say:) Stop.

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# i. Check your work. You'll read the fact for each problem.

- Problem A. (Signal.)  $8 \times 3 = 24$ .
- (Repeat for:) B,  $9 \times 4 = 36$ ; C,  $18 \div 9 = 2$ ; D,  $21 \div 3 = 7$ ; E,  $4 \times 4 = 16$ ; F,  $9 \div 3 = 3$ ; G,  $5 \times 5 = 25$ ; H,  $27 \div 3 = 9$ ; I,  $64 \div 8 = 8$ ; J,  $8 \times 9 = 72$ ; K,  $3 \times 7 = 21$ ; L,  $100 \div 10 = 10$ ; M,  $16 \div 4 = 4$ ; N,  $9 \times 6 = 54$ ; O,  $36 \div 6 = 6$ ; P,  $72 \div 8 = 9$ ; Q,  $3 \times 6 = 18$ ; R,  $80 \div 10 = 8$ ; S,  $49 \div 7 = 7$ ; T,  $14 \div 2 = 7$ ; U,  $90 \div 9 = 10$ ; V,  $9 \times 9 = 81$ ; W,  $5 \times 8 = 40$ ; X,  $54 \div 9 = 6$ ; Y,  $10 \div 5 = 2$ ; Z,  $7 \times 9 = 63$ ; Capital A,  $27 \div 3 = 9$ ; B,  $9 \times 5 = 45$ ; C,  $81 \div 9 = 9$ ; D,  $45 \div 5 = 9$ .

## EXERCISE 2: FRACTIONS

a. (Display:)

Adding Whole Numbers and Fractions

[42:2A]

REMEDY

[42:2B]

•

$$7 + \frac{5}{2}$$

- (Point to  $7 + \frac{5}{2}$ .) Read this problem. (Signal.) 7 + 5/2.
- Do 7 and 5/2 have the same bottom number? (Signal.) *No.*
- So you can't work the problem unless you rewrite the whole number as a fraction. What bottom number will you write? (Signal.) 2.
- b. So you rewrite 7 as a fraction with a bottom number of 2.

(Add to show:)

 $\frac{1}{2}$   $\overline{\chi}_{+}$   $\frac{5}{2}$ 

- Raise your hand when you know the top number of the fraction. ✓
- What's the top number? (Signal.) *14.* (Add to show:) [42:2C]

 $\frac{14}{2}$  $7_{+}\frac{5}{2}$ 

- c. Read the fraction addition problem. (Signal.)14/2 + 5/2.
- Can you work that problem? (Signal.) Yes.
- What's 14/2 + 5/2? (Signal.) 19/2. (Add to show:) [42:2D]

$$\frac{14}{2}\overline{\chi}_{+} \frac{5}{2} = \frac{19}{2}$$

- What does 7 + 5/2 equal? (Signal.) 19/2.
- d. (Display:) [42:2E]

$$3 + \frac{2}{9}$$

- (Point to  $3 + \frac{2}{9}$ .) Read this problem. (Signal.) 3 + 2/9.
- Can you add 3 + 2/9? (Signal.) No.
- So you have to rewrite 3 as a fraction. What's the bottom number of that fraction? (Signal.) 9. (Add to show:) [42:2F]

$$\frac{3}{9}$$
  $\mathcal{X}_{+}$   $\frac{2}{9}$ 

- Raise your hand when you know the top number of the fraction. ✓
- What's the top number? (Signal.) 27. (Add to show:) [42:26]

 $\frac{27}{9}3_{+}\frac{2}{9}$ 

- e. Read the fraction addition problem. (Signal.) 27/9 + 2/9.
- What's 27/9 + 2/9? (Signal.) 29/9. (Add to show:)

$$\frac{27}{9}3 + \frac{2}{9} = \frac{29}{9}$$

- Read the equation. (Signal.) 27/9 + 2/9 = 29/9.
- What does 3 + 2/9 equal? (Signal.) 29/9. (If students are 100% skip to Exercise 3.)

[42:2H]

1. (Display.)[42:21]
$$4 + \frac{5}{3}$$
(Charles and give feedback.)(Point to  $4 + \frac{5}{3}$ ) Read this problem. (Signal.) No.So you have to rewrite 4 as a fraction. (What's the bottom number of that fraction? (Signal.) 3.(Add to show.)(42:21) $\frac{1}{3} - \frac{1}{3} - \frac{5}{3}$ (Matt will you write in the ones column?(Signal.)  $\frac{7}{3} - \frac{1}{3} - \frac{5}{3}$ (Add to show.)(Add to show.)(42:21) $\frac{12}{3} - \frac{1}{3} - \frac{5}{3} - \frac{1}{3}$ (Add to show.)(42:21) $\frac{12}{3} - \frac{1}{3} - \frac{5}{3} - \frac{1}{3}$ (Add to show.)(42:21) $\frac{12}{3} - \frac{1}{3} - \frac{1}{3} - \frac{1}{3}$ (Add to show.)(42:21) $\frac{12}{3} - \frac{1}{3} - \frac{1}{3} - \frac{1}{3}$ (Add to show.)(42:21) $\frac{12}{3} - \frac{1}{3} - \frac{1}{3} - \frac{1}{3} - \frac{1}{3} - \frac{1}{3}$ (Add to show.)(42:21) $\frac{12}{3} - \frac{1}{3} -$ 

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[42:3A]

e.

× 50 350

# k. Work problem H.

(Observe students and give feedback.)

 Problem H: 5 × 6 = 30. So what's 5 × 60? (Signal.) 300. (Display:) [42:3B]

f. 2	g. 7	h. 5
× 80	_× 90	× 60
160	630	300

Here's what you should have for problems F, G, and H.

# EXERCISE 4: DIVISION WORKING REMAINDER PROBLEMS

a. Find part 4 in your workbook. ✓ (Teacher reference:)

a. 9 3 7 b. 2 1 1 c. 4 1 5 d. 3 2 2

These are division problems that have leftovers.

- Read problem A. (Signal.) 37 ÷ 9.
- Can you divide 37 by 9? (Signal.) *No.*
- Write the largest part below and write the leftovers. Stop when you've done that much. (Observe students and give feedback.)
- What's the largest part of 37 you can divide by 9? (Signal.) 36.
- How many leftovers are there? (Signal.) *1.* (Display:)
   [42:4A]



Here's the largest part and the leftovers.

- b. Now you have to work a division problem and write the answer above.
- Say the division problem you'll work. (Signal.) 36 ÷ 9.
- Write the answer. ✓ (Add to show:)

[42:4B]

Here's what you should have for problem A. 37 divided by 9 equals 4 and 1 leftover.

- c. Read problem B. (Signal.) 11 ÷ 2.
- Can you divide 11 by 2? (Signal.) No.
- Write the largest part below and write the remainder. The remainder is the number for the leftovers. Stop when you've done that much. (Observe students and give feedback.)
- What's the largest part of 11 you can divide by 2? (Signal.) 10.
- How many leftovers are there? (Signal.) *1.* (Display:) [42:4C]

- d. Now you have to work a division problem and write the answer above.
- Say the division problem you'll work. (Signal.) 10 ÷ 2.
- Write the answer. ✓ (Add to show:) [42:4D]

Here's what you should have for problem B.

- e. Work problem C. First write the largest part and the remainder. Then write the answer to the division problem you work. (Observe students and give feedback.)
- Check your work
- f. Check your work.
- Problem C is 15 ÷ 4. Say the division problem you worked. (Signal.) 12 ÷ 4.
- What's the answer? (Signal.) 3.
- How many leftovers are there? (Signal.) 3. (Display:) [42:4E]

Here's what you should have for problem C.

g. Work problem D. First write the largest part and the remainder. Then write the answer to the division problem you work.

(Observe students and give feedback.)

- h. Check your work.
- Problem D is 22 ÷ 3. Say the division problem you worked. (Signal.) 21 ÷ 3.
- What's the answer? (Signal.) 7.
- How many leftovers are there? (Signal.) *1.* (Display:) [42:4F]

Here's what you should have for problem D.

# **EXERCISE 5: MULTIPLICATION FACTS**

a. Find part 5 in your workbook.

(Teacher reference:)

a. 8 × 9 =	g. 9 × 4 =	m. 3 × 3 =	s. 9 × 10 =	y. 9 × 7 =
<b>b.</b> $3 \times 7 =$	h. $8 \times 0 =$	n. 5 × 7 =	t. 3 × 9 =	z. 8 × 5 =
<b>c.</b> $4 \times 6 =$	i. 6 × 4 =	o. 3 × 8 =	u. 7 × 3 =	<b>A.</b> 4 × 4 =
d. $7 \times 9 =$	j. 9 × 9 =	p. 4 × 9 =	v. 9×2=	<b>B.</b> 6 × 9 =
e. 8 × 3 =	<b>k.</b> 4 × 3 =	q. 6 × 3 =	w. 10 × 10 =	<b>c.</b> 9 × 8 =
f. 7 × 2 =	I. 6×6=	r. 7 × 10 =	x. 1 × 6 =	<b>D</b> . 3 × 6 =

Some of these multiplication problems are from families we worked with in this lesson. You'll read some of the problems and say the answer.

- Read problem A. (Signal.) 8 × 9.
- What's the answer? (Signal.) 72.
- b. (Repeat the following tasks for problems B through L:)

Problem _		What's the answer?
В	3 × 7	21
С	4 × 6	24
D	7 × 9	63
Е	8 × 3	24

(If students are 100%, skip to step c.)

F	7 × 2	14
G	9 × 4	36
Н	8 × 0	0
I	6 × 4	24
J	9 × 9	81
К	4 × 3	12
L	6 × 6	36
-		

(Repeat problems that were not firm.)

- c. Write all of the answers to the problems in part 5. You have two minutes.
- Get ready. Go.
   (Observe students and give feedback.)
- (After 2 minutes say:) Stop.

d. Check your work. You'll read the fact for each problem.

- Problem A. (Signal.)  $8 \times 9 = 72$ .
- (Repeat for:) B,  $3 \times 7 = 21$ ; C,  $4 \times 6 = 24$ ; D,  $7 \times 9 = 63$ ; E,  $8 \times 3 = 24$ ; F,  $7 \times 2 = 14$ ; G,  $9 \times 4 = 36$ ; H,  $8 \times 0 = 0$ ; I,  $6 \times 4 = 24$ ; J,  $9 \times 9 = 81$ ; K,  $4 \times 3 = 12$ ; L,  $6 \times 6 = 36$ ; M,  $3 \times 3 = 9$ ; N,  $5 \times 7 = 35$ ; O,  $3 \times 8 = 24$ ; P,  $4 \times 9 = 36$ ; Q,  $6 \times 3 = 18$ ; R,  $7 \times 10 = 70$ ; S,  $9 \times 10 = 90$ ; T,  $3 \times 9 = 27$ ; U,  $7 \times 3 = 21$ ; V,  $9 \times 2 = 18$ ; W,  $10 \times 10 = 100$ ; X,  $1 \times 6 = 6$ ; Y,  $9 \times 7 = 63$ ; Z,  $8 \times 5 = 40$ ; Capital A,  $4 \times 4 = 16$ ; B,  $6 \times 9 = 54$ ; C,  $9 \times 8 = 72$ ; D,  $3 \times 6 = 18$ .

## **EXERCISE 6: FRACTIONS**

As DIVISION

REMEDY

a.	(Display:)		[42:6A]
	<u>9</u> 6	<u>3</u> 10	
	<u>12</u> 4	<u>45</u> 6	

- (Point to <sup>9</sup>/<sub>6</sub>.) Read this fraction. (Signal.) 9/6.
- (Point to  $\frac{12}{4}$ .) Read this fraction. (Signal.) 12/4.
- (Point to  $\frac{3}{10}$ .) Read this fraction. (Signal.) 3/10.
- (Point to  $\frac{45}{6}$ .) Read this fraction. (Signal.) 45/6.
- b. Here's a rule about fractions: You can write any fraction as a division problem.
- -• (Point to  $\frac{9}{6}$ .) I'll say the division problem for 9 sixths. 9 divided by 6. Say the division problem. (Signal.) 9 ÷ 6.
- (Point to <sup>12</sup>/<sub>4</sub>.) Say the division problem for 12/4.
   (Signal.) 12 ÷ 4.
- (Point to <sup>3</sup>/<sub>10</sub>) Say the division problem for 3/10.
   (Signal.) 3 ÷ 10.
- (Point to <sup>45</sup>/<sub>6</sub>.) Say the division problem for 45/6. (Signal.) 45 ÷ 6.
  - (Repeat step b until firm.)

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#### EXERCISE 7: WORD PROBLEMS Addition/Subtraction—Missing First Small Number Mix

a. Find part 2 in your textbook. ✓ (Teacher reference:)

Problems

- a. The dog weighed 319 ounces. The cat weighed 374 ounces. How much more did the cat weigh than the dog?
- b. Dessi had some money. Dessi spent \$113. Dessi ended up with \$197. How much money did Dessi have to begin with?
  c. There were 543 bottles on a shelf. Some of those bottles were taken off of the shelf. The shelf now

Part 2	
<u>a.</u>	<b>→</b>
b.	$\rightarrow$
c.	<b>→</b>
d.	$\rightarrow$

bothes were taken of to the such. The such now has 261 bothes on it. How many bothes were taken of f of the shell?
 d. The building was 28 meters shorter than the hill. The building was 67 meters tall. How tall was the hill?

You'll make addition number families to work these problems.

- Write part 2 on your lined paper with the letters A through D below. Make an addition number family arrow after each letter. (Observe students and give feedback.)
- b. Some of the problems in part 2 do not give the first small number. For each problem, you'll tell me if you'll write a family with the letters E and S. Then you'll tell me if you'll write the first small number in the family.
- Read problem A. (Call on a student.) The dog weighed 319 ounces. The cat weighed 374 ounces. How much more did the cat weigh than the dog?
- Will you make a number family with the letters for start and end? (Signal.) *No.*
- Does the problem give the first small number in the family? (Signal.) *No.* (If students have performed perfectly on word problems for at least two lessons, skip to step f.)
- c. Read problem B. (Call on a student.) Dessi had some money. Dessi spent 113 dollars. Dessi ended up with 197 dollars. How much money did Dessi have to begin with?
- Will you make a number family with the letters for start and end? (Signal.) Yes.
- Does the problem give the first small number in the family? (Signal.) Yes.
- d. Read problem C. (Call on a student.) There were 543 bottles on a shelf. Some of those bottles were taken off of the shelf. The shelf now has 261 bottles on it. How many bottles were taken off of the shelf?
- Will you make a number family with the letters for start and end? (Signal.) Yes.
- Does the problem give the first small number in the family? (Signal.) *No.*

e. Read problem D. (Call on a student.) The building was 28 meters shorter than the hill. The building was 67 meters tall. How tall was the hill?

- Will you make a number family with the letters for start and end? (Signal.) No.
- Does the problem give the first small number in the family? (Signal.) Yes. (Repeat problems that were not firm.)
- f. Work all the problems. Put your pencil down when you've completed part 2.
  (Observe students and give feedback.)
- g. Check your work for problem A.
- What letter did you write for the big number? (Signal.) *C.*
- What letter did you write for a small number? (Signal.) *D.*
- Read the column problem and the answer. (Signal.) 374 319 = 55.
- How much more did the cat weigh than the dog? (Signal.) 55 ounces.
   (Display:) [42.74]

(Biopia	.,	[12://
Part 2		
	319	6 .
a.	d 374	3 🕅 4
		-319
		5 5 ounces

Here's what you should have for problem A. h. Check your work for problem B.

- What letter did you write for the big number? (Signal.) S.
- What letter did you write for a small number? (Signal.) *E.*
- What number did you write for the first small number? (Signal.) *113.*
- Read the column problem and the answer. (Signal.) 113 + 197 = 310.
- How much did Dessi have to begin with? (Signal.) 310 dollars. (Display:)

[42:	7B]
------	-----

		197	1 1
b.	113	E.	\$113
		/ 5	+197
			\$310

Here's what you should have for problem B.

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i. Check your work for problem C.

- What letter did you write for the big number? (Signal.) S.
- What letter did you write for a small number? (Signal.) E.
- Read the column problem and the answer. (Signal.) 543 - 261 = 282.
- How many bottles were taken off of the shelf? (Signal.) 282.

[42:7C]

	261-40	4 .
C.	E 543	5.43
		-261
		282 bottles

Here's what you should have for problem C.

j. Check your work for problem D.

(Display:)

- What letter did you write for the big number? (Signal.) H.
- What letter did you write for a small number? (Signal.) B.
- What number did you write for the first small • number? (Signal.) 28.
- Read the column problem and the answer. (Signal.) 28 + 67 = 95.
- How tall was the hill? (Signal.) 95 meters. (Display:) [42:7D]

		67	1	
d.	28	b. h	28	
		711	<u>+67</u>	
			9 5 meters	

Here's what you should have for problem D.

## **EXERCISE 8: DIVISION** WRITE ANSWER OR LARGEST PART

a. Find part 3 in your textbook. (Teacher reference:)

Part 3				
	118	0 9 1 8	0 8 1 6	_
<u>u</u> .	4110	<u> </u>	e. 0110	
h	210	4 6 1 9	4 10 5 4	_
D.	3110	u. 5/18	1. 10[54	

- Copy part 3 on your lined paper and work all of the problems. If you can divide, write the answer above. If you can't divide, write the largest part below. Write only the largest part or the answer. Do not write leftovers. (Observe students and give feedback.)
- b. Check your work.
- Problem A is 18 ÷ 4. What number did you write? (Signal.) 16.
- Problem B is 18 ÷ 3. What number did you write? (Signal.) 6.
- Problem C is 18 ÷ 9. What number did you write? (Signal.) 2.
- Problem D is 18 ÷ 5. What number did you write? (Signal.) 15.
- Problem E is 16 ÷ 8. What number did you • write? (Signal.) 2.
- Problem F is 54 ÷ 10. What number did you write? (Signal.) 50.

# **EXERCISE 9: DECIMALS** TENTHS AND HUNDREDTHS—WRITING

a. Find part 4 in your textbook. (Teacher reference:)

Descriptions g. Decimal number a

De	escriptions		d		l
		a	l	d.	l
a.	Decimal number a is thirteen and twelve hundredths.	b.	J	е.	J
		с.		t.	J
b.	Decimal number b is five hundred and six tenths.		1		J
			-		

- c. Decimal number c is five hundred and sixty hundredths
- d. Decimal number d is eighteen and three hundredths.
- e. Decimal number e is twenty and eight tenths
- f. Decimal number f is four hundred seventeen and zero tenths.

You're going to write decimal numbers. You'll write some tenths numbers and some hundredths numbers. Each sentence tells the number you'll write.

Write part 4 on your lined paper with the • letters A through F below. (Observe students and give feedback.)

- b. Listen: For tenths numbers, how many digits do you write after the decimal point? (Signal.) 1.

- For hundredths numbers, how many digits do • you write after the decimal point? (Signal.) 2. (Repeat step b until firm.)
- c. Now you'll write decimal numbers. I'll read the sentence for each number.
- Decimal number A is 13 and 12 hundredths. What number? (Signal.) 13 and 12 hundredths.
- Write the number for A on your lined paper.
- Everybody, touch and read the symbols you wrote for number A. (Signal.) 1, 3, decimal point, 1, 2.

(Repeat until firm.)

- d. Decimal number B is 500 and 6 tenths. What number? (Signal.) 500 and 6 tenths.
- Write the number for B. ✔
- Touch and read the symbols you wrote for decimal number B. (Signal.) *5, 0, 0, decimal point, 6.*
- e. Decimal number C is 500 and 60 hundredths. What number? (Signal.) 500 and 60 hundredths.
- Write the number for C. ✔
- Touch and read the symbols you wrote for decimal number C. (Signal.) *5, zero, zero, decimal point, 6, zero.*
- f. Decimal number D is 18 and 3 hundredths. What number? (Signal.) 18 and 3 hundredths.
- Write the number for D. ✔
- Touch and read the symbols you wrote for decimal number D. (Signal.) *1, 8, decimal point, zero, 3.*
- g. Decimal number E is 20 and 8 tenths. What number? (Signal.) 20 and 8 tenths.
- Write the number for E. ✔
- Touch and read the symbols you wrote for decimal number E. (Signal.) 2, zero, decimal point, 8.
- h. Decimal number F is 417 and zero tenths. What number? (Signal.) 417 and zero tenths.
- Write the number for F. ✔
- Touch and read the symbols you wrote for decimal number F. (Signal.) 4, 1, 7, decimal point, zero. (Display:) [42:9A]

Part 4		
a.	13.12	<b>d.</b> 18.03
b.	500.6	<b>e.</b> 20.8
c.	500.60	f. 417.0

Here's what you should have for part 4.

- i. Now you'll read all the decimal numbers you wrote for part 4.
- Read number A. (Signal.) 13 and 12 hundredths.
- Read number B. (Signal.) 500 and 6 tenths.
- Read number C. (Signal.) 500 and 60 hundredths.
- Read number D. (Signal.) 18 and 3 hundredths.
- Read number E. (Signal.) 20 and 8 tenths.
- Read number F. (Signal.) 417 and zero tenths.

## EXERCISE 10: INDEPENDENT WORK Mixed Computation

a. Find part 5 in your textbook. ✓ (Teacher reference:)

Part 5			
a.	\$70.15 - 9.09	d. 2 6 8	g. 10 ×640
b.	64 × 3	e. 509 × 7	h. 81.4 -77.7
c.	5.8	f. 3 189	i. \$8.96
	+ 4 8 2.3		1.00

You'll copy part 5 and work the problems. Be careful. Part 5 has addition, subtraction, multiplication, and division problems. Some of the problems are money problems, and some are decimal problems.

Assign Independent Work, Textbook parts 5-9.

Optional extra math-fact practice worksheets for all lessons are available on ConnectED.

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I	Lesson 42
a b c	Part 1 a. $3 \stackrel{8}{\longrightarrow}$ d. $\stackrel{4}{\longrightarrow}$ 12 g. $9 \stackrel{4}{\longrightarrow}$ j. $3 \stackrel{1}{\longrightarrow}$ 18 b. $\stackrel{6}{\longrightarrow}$ 36 e. $9 \stackrel{8}{\longrightarrow}$ 81 h. $\stackrel{8}{\longrightarrow}$ 24 k. $2 \stackrel{9}{\longrightarrow}$ c. $9 \stackrel{6}{\longrightarrow}$ f. $3 \stackrel{7}{\longrightarrow}$ i. $\stackrel{8}{\longrightarrow}$ 72 i. $\stackrel{7}{\longrightarrow}$ 63
a o Hill Companies, Inc. J J	Part 2         a. $8 \times 3 =$ g. $5 \times 5 =$ m. $4 \boxed{16}$ s. $7 \boxed{49}$ y. $5 \boxed{10}$ b. $9 \times 4 =$ h. $3 \boxed{27}$ n. $9 \times 6 =$ t. $2 \boxed{14}$ z. $7 \times 9 =$ c. $9 \boxed{18}$ i. $8 \boxed{64}$ o. $6 \boxed{36}$ u. $9 \boxed{90}$ A. $3 \boxed{27}$ d. $3 \boxed{21}$ j. $8 \times 9 =$ p. $8 \boxed{72}$ v. $9 \times 9 =$ B. $9 \times 5 =$ e. $4 \times 4 =$ k. $3 \times 7 =$ q. $3 \times 6 =$ w. $5 \times 8 =$ C. $9 \boxed{81}$ f. $3 \boxed{9}$ i. $10 \boxed{100}$ r. $10 \boxed{80}$ x. $9 \boxed{54}$ D. $5 \boxed{45}$
Copyright © The MiGara	Part 3 a. 7 b. 2 c. 7 d. 5 $\times 5$ $\times 8$ $\times 9$ $\times 6$ e. 7 f. 2 g. 7 h. 5 $\times 50$ $\times 80$ $\times 90$ $\times 60$ Connecting Math Concepts Lesson 42 49

Lesson	2			
a. 9 3 7	<b>b</b> . 21	c	4 1 5	d. 3 2 2
Part 5				
a. 8 × 9 =	<b>g.</b> 9 × 4 =	m. 3 × 3 =	<b>s.</b> 9 × 10 =	<b>y</b> . 9 × 7 =
<b>b.</b> 3 × 7 =	<b>h.</b> 8 × 0 =	<b>n.</b> 5 × 7 =	t. 3 × 9 =	<b>z</b> . 8 × 5 =
<b>c.</b> 4 × 6 =	i. 6 × 4 =	<b>o.</b> 3 × 8 =	<b>u.</b> 7 × 3 =	<b>A.</b> 4 × 4 =
d. 7 × 9 =	j. 9 × 9 =	<b>p.</b> 4 × 9 =	<b>v.</b> 9 × 2 =	<b>B.</b> 6 × 9 =
e. 8 × 3 =	<b>k.</b> 4 × 3 =	<b>q.</b> 6 × 3 =	<b>w</b> . 10 × 10 =	<b>C.</b> 9 × 8 =
f. 7 × 2 =	I. 6×6=	r. 7 × 10 =	<b>x.</b> 1 × 6 =	<b>D</b> . 3 × 6 =
Lessor	1 43			
Part 1				
a. 4 24	g. 8 16	m.9 72	s. 9 90	y. 3 6
b. 3 24	<b>h.</b> 4 16	<b>n</b> . 9 × 6 =	t. 3 12	z. 7 63
<b>c.</b> 8 × 9 =	i. 7 × 3 =	o. 9 45	<b>u.</b> 9 × 4 =	A. 6 24
d. 2 18	j. 7 × 9 =	<b>p.</b> 3 × 9 =	v. 10 100	<b>B</b> . 5 × 9 =
e. 3 18	<b>k</b> . 4 36	q. 39	w. 9 54	<b>c</b> . 9 81

a. 12/6       b. 20/4       c. 30/7       d. 13/2         i       i       i       i         a. 12/6       b. 20/4       c. 30/7       d. 13/2         i       i       i       i       i         a. 12/6       b. 20/4       c. 30/7       d. 13/2         i       i       i       i       i         a. 14       i       i       i       i         b. i       i       i       i       i         b. i       i       i       i       i         a. 16 billing was 19 ounces. The cat weight 313. Dessi ended up with \$197. How much morey did Dessi have to begin with?       i       i       i         a. 16 billing was 28 bottles on a shelf. Some of those bottles were taken off of the shelf. The shelf now has 261 bottles on it. How many bottles were taken off is the shelf. The shelf now has 261 bottles on it. How tall was the hill?       i <t< th=""><th>Part 1</th><th></th><th></th><th></th><th></th></t<>	Part 1					
6 4 7 2     Part 1     Poblems     a. The dog weighed 319 ounces. The cat weighed 374 ounces. How much more did the cat weight than the dog?   a. Dess had some money. Dessi spent \$113. Dessi ended up with \$197. How much money did Dessi have to begin with? b. Dessi had some money. Dessi spent \$113. Dessi ended up with \$197. How much money did Dessi have to begin with? a. There were 543 bottles on a sheft. Some of those bottles were taken of of the shelf. The shelf now has 261 bottles on it. How many bottles were taken of of the shelf? <b>Part 3</b> Part 3 <b>Part 4</b> Descriptions . Decimal number a is thirteen and twelve hundredths. D. Decimal number b is five hundred and sixty hundredths. Decimal number c is five hundred and sixty hundredths. Decimal number c is five hundred and sixty hundredths. Decimal number dis eighteen and three hundredths.	<u>, 12</u>	b. 20	<b>c</b> , <u>30</u>	d. <u>13</u>		
Part 1         Problems         1       The dog weighed 319 ounces. The cat weighed 374 ounces. How much more did the cat weigh than the dog?         2.       Dessi had some money. Dessi spent \$113. Dessi ended up with \$197. How much money did Dessi have to begin with?         2.       There were 543 bottles on a shelf. Some of those bottles were taken off of the shelf. The shelf now has 261 bottles on it. How many bottles were taken off of the shel?         3.       The building was 28 meters shorter than the hill. The building was 67 meters tall. How tall was the hill?         Part 3       Image: Comparison of the shell?         20       Lesson (Comparison of the shell?)         Elesson (Comparison of the shell?)       Image: Comparison of the shell?         20       Lesson (Comparison of the shell?)         Part 4       Descing number a is thirteen and twelve hundredths.         Decimal number b is five hundred and six tents.       Image: Comparison of the shell of the shell?         1       Decimal number of is eighteen and three hundredths.	6	4	7	2		
Part 2 Problems			Part 1	c. d.		
Part 2         Problems         1. The dog weighed 319 ounces. The cat weighed 374 ounces. How much more did the cat weight than the dog?         2. Dessi had some money. Dessi spent \$113. Dessi hadre to begin with?         2. There were 543 bottles on a shelf. Some of those bottles were taken off of the shelf?         3. The building was 28 meters shorter than the hill. The building was 67 meters tall. How tall was the hill?         Part 3						
Part 2         Problems         a. The dog weighed 319 ounces. The cat weighed 374 ounces. How much more did the cat weigh than the dog?         b. Dessi had some money. Dessi spent \$113. Dessi ended up with \$197. How much money did Dessi have to begin with?         c. There were 543 bottles on a shelf. Some of those bottles were taken off of the shelf?         c. There were 543 bottles on a shelf. The shelf now has 261 bottles on. How many bottles were taken off of the shel?         a. The building was 28 meters shorter than the hill. The building was 67 meters tall. How tall was the hill?         Part 3         Image: the state off of the shell?         1. The building was 28 meters shorter than the hill. The building was 67 meters tall. How tall was the hill?         Part 3         Image: the shell off the shell?         1. The building was 67 meters tall. How tall was the hill?         Part 3         Image: the shell off the shell off the shell off the shell off the shell?         20         Lesson 42         Connecting Math Concert         Lesson 42         Connecting Math Concert         Lesson 52         Part 4         Decimal number a is thirteen and twelve hundredths.         a. Decimal number b is five hundred and six thents.         b. Decimal number c is five hundred and sixth undredths.         b. Decimal number d is eighteen and						
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120 Lesson 42       Connecting Math Concernation of the second state of the second sta	Ľ					
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Part 4         Descriptions <ul> <li>Decimal number a is thirteen and twelve hundredths.</li> <li>Decimal number b is five hundred and six tenths.</li> </ul> <ul> <li>Part 4</li> <li>d</li> <li>d</li> <li>e</li> <li>f.</li> </ul> Decimal number c is five hundred and sixty hundredths.           Decimal number c is five hundred and sixty hundredths.           I. Decimal number d is eighteen and three hundredths.						
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Part 4         Descriptions <ul> <li>Decimal number a is thirteen and twelve hundredths.</li> <li>Decimal number b is five hundred and sixt tenths.</li> </ul> <ul> <li>Part 4</li> <li>a</li> <li>b</li> <li>c</li> <li>t</li> <li>b</li> <li>c</li> </ul> > Decimal number b is five hundred and sixt tenths.           > Decimal number c is five hundred and sixty hundredths.           I. Decimal number d is eighteen and three hundredths.	_					
Part 4         Descriptions         a.       d.         b.       e.         c.       Decimal number a is thirteen and twelve hundredths.         b.       e.         c.       Decimal number b is five hundred and six tenths.         c.       Decimal number c is five hundred and sixty hundredths.         d.       Decimal number d is eighteen and three hundredths.	Lesson	42				
Descriptions          Part 4          a. Decimal number a is thirteen and twelve hundredths.          b. e.          b. Decimal number b is five hundred and six tenths.          c.          c. Decimal number c is five hundred and sixty hundredths.          f.          J. Decimal number d is eighteen and three hundredths.	Part 4					
Decimal number a is thirteen and twelve hundredths.     Decimal number b is five hundred and six tenths.     Decimal number c is five hundred and sixty hundredths.     Decimal number d is eighteen and three hundredths.	Descriptions			Part 4		
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<ul> <li>Decimal number c is five hundred and sixty hundredths.</li> <li>Decimal number d is eighteen and three hundredths.</li> </ul>	Decimal nu	unber h is five hund	red and six tenths.	с. <u>t</u> .	_	
a. Decinial number d is eighteen and three hundredths.	<ul> <li>Decimal nu</li> <li>Decimal nu</li> </ul>	iniber bio irre nunu		ths.		
Decimal number e is twenty and eight tenths	<ul> <li>Decimal nu</li> <li>Decimal nu</li> <li>Decimal nu</li> <li>Decimal nu</li> </ul>	umber c is five hundi	red and sixty hundred			
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Descriptions		Part 4	
<ul><li>a. Decimal number a is thirteen and twelve hundredths.</li><li>b. Decimal number b is five hundred and six tenths.</li></ul>			a. d. b. e. c. f.
d. Decimal numbe	r d is eighteen and	three hundredths.	
. Decimal numbe	r e is twenty and ei	ght tenths.	
. Decimal numbe	r f is four hundred	seventeen and zero tenth	IS.
	C.		
	Inc	lependent Work	
Part 5 Copy F	Part 5 and work the	problems.	
Part 6			
	<u>\$70.15</u> - 9.09	d. 2]68	<u>g. 10</u> ×640
b	. 64	e. 509	h. 81.4
	<u>× 3</u>	<u>× 7</u>	<u> </u>
c	5.8	f. 3 1 8 9	<u>i. \$8.96</u> + 105
	+482.3		+ 1.00

Lesson 42	
Part 6 Copy Part 6. Then write the column p and work it. Write the missing numbe	roblem for finding each missing number rs in the table.
Part 6 76 231 159	
<b>Part 7</b> For each number line, write the fraction the mixed number it equals.	on and complete the equation to show
a.	5 1 2 3
ь.	
	Part 7 0. 0.
<b>Part 8</b> Write the column problems for finding	g the perimeter of each shape and work it.
a. 15 ft 19 ft	Part 8
b. 7 m 13 m 15 m 13 m 28 m	
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