Practice Set 59

SRB
22-24
52-53

Write your answers below or on another piece of paper.

Solve each problem.

1. a. 200 [400s] _____   **b.** $200 \times 400 =$ _____

2. a. 300 [500s] _____   **b.** $300 \times 500 =$ _____

3. How many 500s are in 2,000? _____

4. How many 300s are in 3,000? _____

5. How many 200s are in 2,000? _____

Solve each problem. Circle the square products.

6. $7 \times 4 =$ _____   **7.** $4 \times 4 =$ _____   **8.** $6 \times 6 =$ _____

9. $9 \times 9 =$ _____   **10.** $8 \times 8 =$ _____   **11.** $7 \times 8 =$ _____

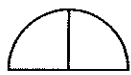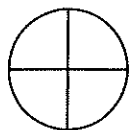**12.** $6 \times 9 =$ _____   **13.** $7 \times 7 =$ _____   **14.** $9 \times 8 =$ _____

15. $5 \times 5 =$ _____   **16.** $8 \times 6 =$ _____   **17.** $7 \times 9 =$ _____

Write a mixed number for each fraction. Draw pictures to help you.

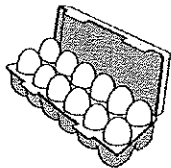**Example** $\frac{6}{4}$ $1\frac{2}{4}$

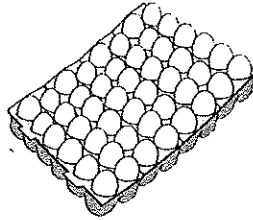**18.** $\frac{3}{2}$ _____   **19.** $\frac{6}{5}$ _____   **20.** $\frac{7}{3}$ _____

Practice Set 60

Write your answers below or on another piece of paper.

Solve the following problems mentally:

Carton   Tray

1. How many eggs are in 2 cartons? _____

2. How many eggs are in 1 tray? _____

3. How many eggs are in half a tray? _____

4. How many eggs are in 3 cartons? _____

5. How many eggs are in half a carton? _____

6. Which is more, 4 cartons or 1 tray? _____

Find each missing number.

Example	2 gloves
	double 2 gloves = **4 gloves**
	triple 2 gloves = **6 gloves**
	quadruple 2 gloves = **8 gloves**
	5 times 2 gloves = **10 gloves**
	10 times 2 gloves = **20 gloves**

7. 3¢

double 3¢ = _____ ¢

triple 3¢ = _____ ¢

quadruple 3¢ = _____ ¢

5 times 3¢ = _____ ¢

10 times 3¢ = _____ ¢

8. 4 inches

double 4 in. = _____ in.

triple 4 in. = _____ in.

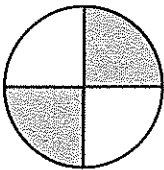quadruple 4 in. = _____ in.

5 times 4 in. = _____ in.

10 times 4 in. = _____ in.

95

Practice Set 60 *continued*

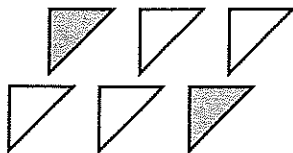Write your answers below or on another piece of paper.

Write the fraction for the shaded part of the picture in two different ways.

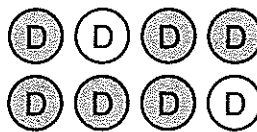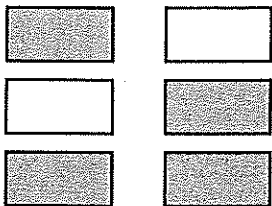**Example** $\frac{1}{2}$ or $\frac{2}{4}$

9.

_____

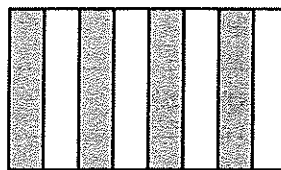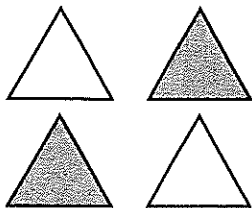10.

_____

11.

_____
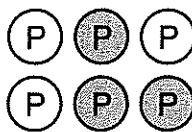
12.

_____

13.

_____

14.

_____

Practice Set 61

Use with or after
Lesson 9·4

SRB
52-53

Write your answers below or on another piece of paper.

Multiply. Then *check* your answers using a calculator.

Example	29
	× 3
3 [20s]	60
3 [9s]	27
60 + 27	**87**

1. 51
   × 6

2. 84
   × 5

3. 17
   × 8

4. 206
   × 9

5. 419
   × 4

For each problem below, write a number model. Then find the missing numbers.

6. Donna puts 6 pears in each bag. She has 32 pears.
   How many bags does she fill?

   _____ ÷ _____ → _____ R _____

   Donna fills _____ bags.

   _____ pears are left over.

7. 21 signs are shared equally by 4 classrooms.
   How many signs does each classroom get?

   _____ ÷ _____ → _____ R _____

   Each classroom gets _____ signs.

   _____ signs are left over.

97

Practice Set 62

SRB
22–24
52–53

Write your answers below or on another piece of paper.

Solve each number story using the grocery store sign.

```
~  Special  ~
Peaches   $0.50  each
Apples    $0.39  each
Pears     $0.61  each
      (No tax)
```

1. Sandra has $2.00. Can she buy 5 apples? _____

How much money will she have left? _____

2. How much money does Kenny need to buy 4 pears? _____

3. How much does it cost to buy 6 pears and 3 apples? _____

Multiply. Circle each square product.

4. $7 \times 9 =$ _____

5. $8 \times 8 =$ _____

6. $6 \times 7 =$ _____

7. $4 \times 8 =$ _____

8. $5 \times 5 =$ _____

9. $9 \times 9 =$ _____

10. $6 \times 6 =$ _____

11. $7 \times 7 =$ _____
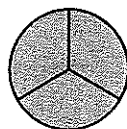
12. $8 \times 9 =$ _____

13. $8 \times 7 =$ _____

14. $6 \times 8 =$ _____

15. $6 \times 6 =$ _____

Change each mixed number to a fraction. Draw pictures to help you.

Example $1\frac{2}{3}$ $\frac{5}{3}$

16. $2\frac{1}{2}$ _____

17. $3\frac{3}{4}$ _____

18. $1\frac{3}{6}$ _____

Practice Set 62 *continued*

SRB
254-260

Write your answers below or on another piece of paper.

Solve each problem.

19. Each red fox weighs 19 pounds. How much do 7 red foxes weigh?

_____

20. Ben spent 25 minutes walking to school. What fraction of an hour is this? (*Hint:* 1 hour = 60 minutes.)

_____

21. Betty has 25 stickers. She wants to share them equally among 3 friends. How many stickers will each friend get? How many stickers will be left over?

_____

22. Ellen had $30.00. She spent $14.00 shopping. What fraction of her money did she spend? What fraction of her money did she NOT spend?

_____

23. Sam's birthday cake was cut into 16 pieces. After his party, 3 pieces were left. What fraction of his cake was left? What fraction of his cake was eaten?

_____

24. Ruth wants to buy 4 computer games that each cost $29.50. About how much money does Ruth need in order to buy all 4 computer games?

_____

25. Jan wants to get her hair cut and buy shampoo. Jan has $25.00. Does she have enough money for a haircut that costs $16.00 and 2 bottles of shampoo that cost $4.25 each?

_____

26. A quilt has 5 yellow squares, 10 blue squares, and 10 green squares. What fraction of the squares are blue? What fraction of the squares are yellow? What fraction of the squares are red?

_____

Practice Set 63

Write your answers below or on another piece of paper.

Read the information below. Then answer each question.

Ted has 36 flowers. He wants to put the flowers into vases. He wants each vase to have the same number of flowers—without any flowers being left over.

1. Can he put the flowers in 1 vase? 2 vases? 3 vases?

If so, how many flowers go in each vase? _____

2. Can he put the flowers in 4 vases? 5 vases? 6 vases?

If so, how many flowers go in each vase? _____

3. Can he put the flowers in 7 vases? 8 vases? 9 vases?

If so, how many flowers go in each vase? _____

4. Can he put the flowers in 10 vases? 11 vases? 12 vases?

If so, how many flowers go in each vase? _____

> *The factors of 36* are the numbers that can be multiplied by whole numbers to get 36, or the numbers that 36 can be divided by without having remainders.

5. Name the factors of 36. _____
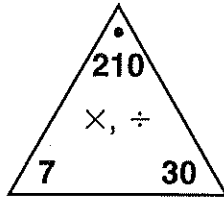
For each number below, give the value of each digit.

> **Example** 48.613 **The 4 means 4 tens.**
> **The 8 means 8 ones.**
> **The 6 means 6 tenths.**
> **The 1 means 1 hundredth.**
> **The 3 means 3 thousandths.**

6. 295.6 _____

7. 30.48 _____

8. 10.925 _____

Practice Set 63 *continued*

Write your answers below or on another piece of paper.
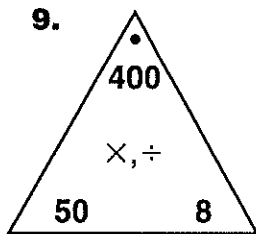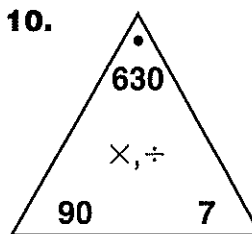
Write the number family for each Fact Triangle.

Example

$7 \times 30 = 210$
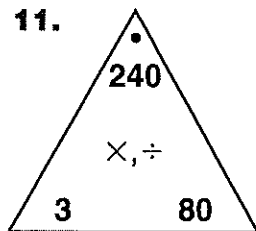$30 \times 7 = 210$
$210 \div 7 = 30$
$210 \div 30 = 7$
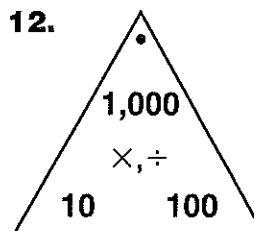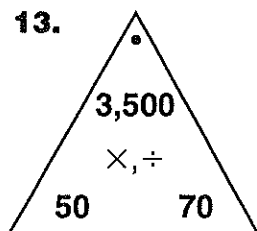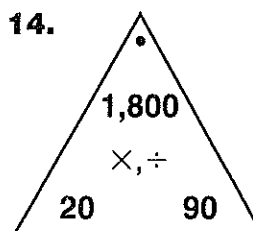
Triangle: 210, ×, ÷, 7, 30

9. Triangle: 400, ×, ÷, 50, 8

_____
_____
_____

10. Triangle: 630, ×, ÷, 90, 7

_____
_____
_____

11. Triangle: 240, ×, ÷, 3, 80

_____
_____
_____

12. Triangle: 1,000, ×, ÷, 10, 100

_____
_____
_____

13. Triangle: 3,500, ×, ÷, 50, 70

_____
_____
_____

14. Triangle: 1,800, ×, ÷, 20, 90

_____
_____
_____

101

Practice Set 64

SRB
10–12
52–53

Write your answers below or on another piece of paper.

Solve each problem.

1. $56 ÷ 8 = _____

2. $81 ÷ 9 = _____

3. $54 ÷ 6 = _____

4. $150 ÷ 6 = _____

5. $120 ÷ 8 = _____

6. $140 ÷ 7 = _____

7. $122 ÷ 4 = _____

8. $85 ÷ 5 = _____

9. $490 ÷ 7 = _____

Find the missing numbers. Use fractions.
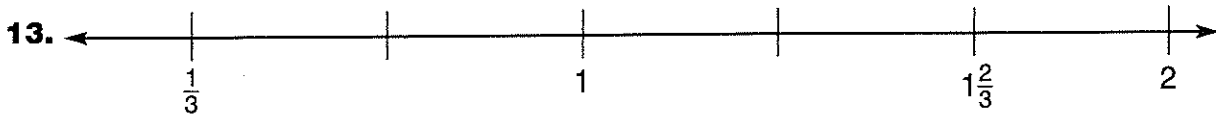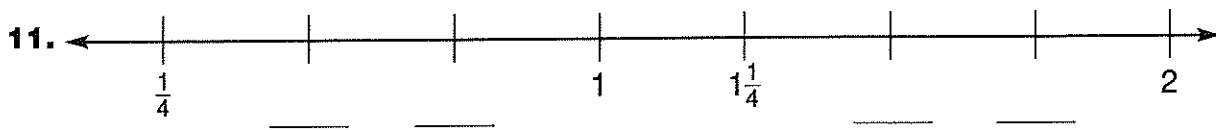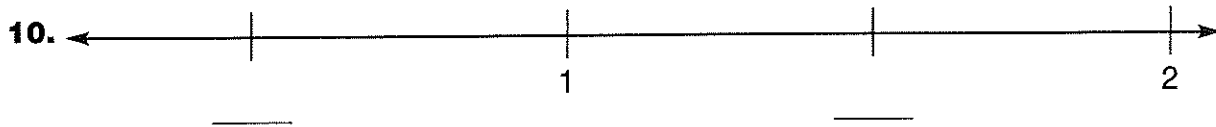
10.

11.

12.

13.

14.

Practice Set 65

SRB
52 53

Write your answers below or on another piece of paper.

Solve each problem.

1. Ken wants to put 6 ounces of water in each glass. How many glasses can he fill with 42 ounces of water? How many ounces of water will be left over?

_____

2. Lynn wants to cut a 50-inch piece of string into pieces that are each 8 inches long. How many 8-inch pieces can she cut? How many inches of string will be left over?

_____

Write the number that has ...

3. 7 in the tens place
1 in the thousands place
4 in the tenths place
2 in the hundreds place
6 in the ones place

_____

4. 4 in the hundredths place
1 in the tens place
5 in the ones place
7 in the tenths place
9 in the hundreds place

_____

5. 0 in the tenths place
9 in the thousandths place
2 in the ones place
5 in the tens place
8 in the hundredths place

_____

6. 0 in the hundredths place
6 in the ones place
1 in the tens place
9 in the thousandths place
3 in the tenths place

_____

7. 3 in the hundreds place
9 in the ones place
8 in the tenths place
4 in the tens place
6 in the thousands place
7 in the hundredths place

_____

8. 4 in the tenths place
2 in the thousands place
0 in the tens place
6 in the thousandths place
1 in the ones place
0 in the hundredths place
4 in the hundreds place

_____

Practice Set 66
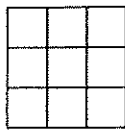
Write your answers below or on another piece of paper.

Use lattice multiplication to solve each problem.

1. 8 × 49 = _____

2. 7 × 359 = _____

3. 6 × 314 = _____

4. 9 × 68 = _____

5. 5 × 456 = _____

6. 7 × 834 = _____

Write a multiplication fact to find the area of each square.

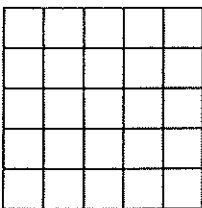| Example		3 × 3 = 9 Area = 9 square units

7.
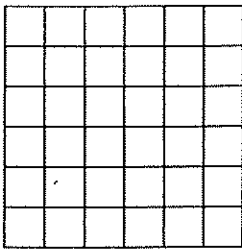
_____

_____

8.
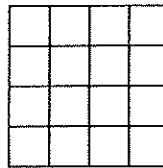
_____

_____

9.

_____

_____

10.
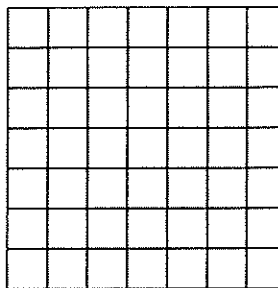
_____

_____

104

Practice Set 67

Write your answers below or on another piece of paper.

Multiply using the partial-products method. Then use a calculator to check each answer.

Example	78
	× 43
(40 × 70)	2,800
(40 × 8)	320
(3 × 70)	210
(3 × 8)	24
	3,354

1. 29
    × 14

2. 34
    × 51

3. 62
    × 22

4. 44
    × 36

5. 81
    × 53

6. 39
    × 28

7. 76
    × 64

Use estimation to solve each problem.

8. Dina has $25.00. Does she have enough to buy a radio that costs $14.79 and a CD that costs $11.25?

_____

9. Jaime has $40.00. Does he have enough to buy shoes that cost $21.97 and two ties that cost $8.50 each?

_____

10. Janice has $50.00. How many plants can she buy if each plant costs $11.95?

_____

11. Jack has $60.00. How many shirts can he buy if each shirt costs $14.50?

_____

12. Jason has $63.00 in his savings account. He received $35.00 as birthday gifts. Does he have enough money to buy a bike that costs $90.00?

105

Practice Set 67 *continued*

Write your answers below or on another piece of paper.

Solve each problem.

13. Arthur bought a goldfish for 49¢, a striped fish for $0.72, and fish food for 68¢. How much did Arthur spend?

_____

14. How much change did Arthur receive if he paid for the 3 items with $3.00?

_____

15. Betty wants to buy a dog collar for $3.50, a water dish for $2.79, and a toy bone for $3.49. Can she buy all 3 items with $10.00?

_____

16. How much do the 3 items that Betty wants to buy cost altogether?

_____

Write >, <, or =.

17. This is ONE:
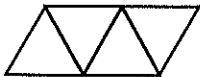
$\frac{2}{4}$ ——— $\frac{1}{4}$ $\qquad$ $\frac{3}{4}$ ——— $\frac{1}{2}$

18. This is ONE:
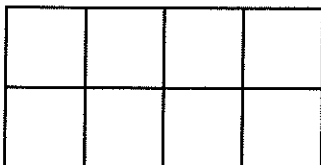
$\frac{5}{8}$ ——— $\frac{1}{2}$ $\qquad$ $\frac{1}{4}$ ——— $\frac{2}{8}$

19. This is ONE:
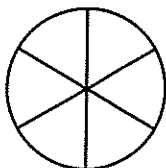
$\frac{2}{3}$ ——— $\frac{4}{6}$ $\qquad$ $\frac{1}{3}$ ——— $\frac{1}{2}$

Practice Set 68

SRB
11
171-173

Write your answers below or on another piece of paper.

Write the number and the unit for each problem. Use Celsius temperatures.

Example 4 degrees below zero $-4°C$

1. 25 degrees above zero _____

2. 58 degrees below zero _____

3. zero degrees _____

4. 150 degrees above zero _____

5. 14 degrees below zero _____

6. 100 degrees below zero _____

Which temperature is colder? You can use the thermometer to help you.

Example $-6°C$ or $-14°C$
$-14°C$ is below $-6°C$ on the thermometer.
$-14°C$ is colder than $-6°C$.

7. $0°C$ or $5°C$

8. $2°C$ or $-20°C$

_____ _____

9. $9°C$ or $-9°C$

10. $-7°C$ or $0°C$

_____ _____

Which temperature is warmer? You can use the thermometer to help you.

Example $24°C$ or $-2°C$
$24°C$ is above $-2°C$ on the thermometer.
$24°C$ is warmer than $-2°C$.

11. $0°C$ or $-8°C$

12. $-98°C$ or $1°C$

_____ _____

13. $15°C$ or $-15°C$

14. $12°C$ or $-35°C$

_____ _____

°F   °C
210 — — 100
200 —
190 — — 90
180 — — 80
170 —
160 — — 70
150 —
140 — — 60
130 —
120 — — 50
110 —
100 — — 40
90 — — 30
80 —
70 — — 20
60 —
50 — — 10
40 —
30 — — 0
20 —
10 — — -10
0 —
-10 — — -20
-20 — — -30
-30 —
-40 — — -40
-50 —
-60 — — -50
-70 —
-80 — — -60
-90 — — -70
-100 —
-110 — — -80
-120 —
-130 — — -90
-140 —
-150 — — -100

107
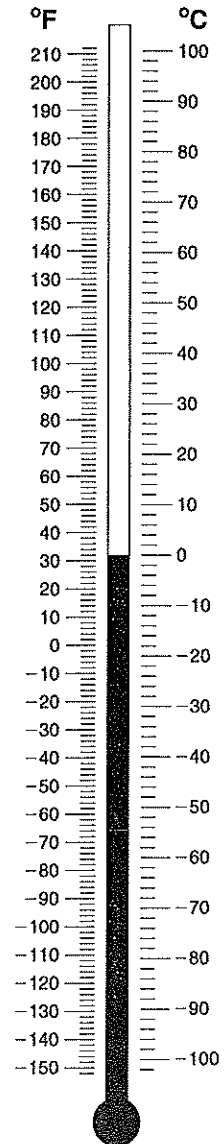
Practice Set 68 *continued*

Use with or after
Lesson 9·13

SRB
37-38
250-253

Write your answers below or on another piece of paper.

Complete the list of factors for each number below.

> *The factors of a number* are the numbers that can be multiplied by whole numbers to get that number, or the numbers that a number can be divided by without having remainders.

Example Factors of 16: 1, ___2___, ___4___, 8, ___16___

15. Factors of 7: _____, 7

16. Factors of 18: _____, 2, _____, _____, _____, 18

17. Factors of 36: 1, _____, _____, 4, _____, 9, _____, _____, 36

18. Factors of 50: _____, 2, _____, _____, 25, _____

Solve each problem.

19. Jerry went swimming 19 days in June. What fraction of the days in June did Jerry go swimming? (*Hint:* June has 30 days.)

20. Sarah spent 20 minutes eating breakfast. What fraction of an hour did she spend eating breakfast? What fraction of an hour did she NOT spend eating breakfast?

21. Sam and two friends shared a pizza cut into 8 pieces. Sam ate 1 piece, and each of his friends ate 2 pieces.

What fraction of the pizza did Sam eat? _____

What fraction of the pizza did each friend eat? _____

What fraction of the pizza was left over? _____