

**Practice Set 45**Use with or after  
Lesson 7-1

Write your answers below or on another piece of paper.

Draw a square array for each square number. Then write the multiplication fact for each square number.

<b>Example</b>	25		$5 \times 5 = 25$
----------------	----	--	-------------------

1. 36

2. 16

3. 9

4. 4

5. 49

6. 64

Find the missing numbers. You can use counters or draw pictures.

7. 26 crackers

6 children share equally

\_\_\_\_\_ crackers per child

\_\_\_\_\_ crackers left over

9. 24 girls

4 girls per tent

\_\_\_\_\_ filled tents

\_\_\_\_\_ girls left over

8. 36 pictures

9 pictures per page

\_\_\_\_\_ filled pages

\_\_\_\_\_ pages left over

10. 18 sheets of paper

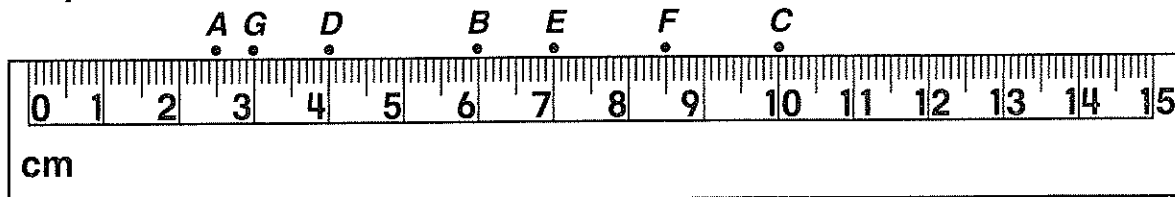
4 children share equally

\_\_\_\_\_ sheets per child

\_\_\_\_\_ sheets left over

Find the corresponding letter on the centimeter ruler for each of the metric measures.

Example 2.5 centimeters is Point A.



11. 60 millimeters \_\_\_\_\_

12. 1 decimeter \_\_\_\_\_

13. 0.04 meter \_\_\_\_\_

14. 0.7 decimeter \_\_\_\_\_

15. 85 millimeters \_\_\_\_\_

16. 3 centimeters \_\_\_\_\_

**Practice Set 45** *continued*Use with or after  
Lesson 7-1

Write your answers below or on another piece of paper.

Write the number that is 10 more.

17. 14  
\_\_\_\_\_

18. 30  
\_\_\_\_\_

19. 539  
\_\_\_\_\_

20. 4,258  
\_\_\_\_\_

21. 7,904  
\_\_\_\_\_

Write the number that is 100 more.

22. 8  
\_\_\_\_\_

23. 27  
\_\_\_\_\_

24. 973  
\_\_\_\_\_

25. 2,918  
\_\_\_\_\_

26. 8,715  
\_\_\_\_\_

Write the number that is 1,000 more.

27. 7  
\_\_\_\_\_

28. 254  
\_\_\_\_\_

29. 5,791  
\_\_\_\_\_

30. 9,493  
\_\_\_\_\_

31. 12,463  
\_\_\_\_\_

Write the number that is 10 less.

32. 19  
\_\_\_\_\_

33. 142  
\_\_\_\_\_

34. 1,014  
\_\_\_\_\_

35. 7,420  
\_\_\_\_\_

36. 4,615  
\_\_\_\_\_

Write the number that is 100 less.

37. 156  
\_\_\_\_\_

38. 433  
\_\_\_\_\_

39. 5,212  
\_\_\_\_\_

40. 1,082  
\_\_\_\_\_

41. 12,617  
\_\_\_\_\_

Write the number that is 1,000 less.

42. 1,092  
\_\_\_\_\_

43. 7,214  
\_\_\_\_\_

44. 5,131  
\_\_\_\_\_

45. 10,673  
\_\_\_\_\_

46. 22,194  
\_\_\_\_\_

Find each answer using mental math.

47.  $70 - 20 =$  \_\_\_\_\_

48.  $400 + 500 =$  \_\_\_\_\_

49.  $300 + 600 + 500 =$  \_\_\_\_\_

50.  $800 - 600 =$  \_\_\_\_\_

51.  $1,200 - 500 =$  \_\_\_\_\_

52.  $4,000 + 9,000 =$  \_\_\_\_\_

53.  $4,200 - 1,200 =$  \_\_\_\_\_

54.  $6,300 + 800 =$  \_\_\_\_\_

55.  $12,000 + 500 =$  \_\_\_\_\_

56. Sherri had \$1,200 in her savings account. Then she took out \$700. The next week she put \$900 into her account. The following week, Sherri took out \$300. How much is in her account now?

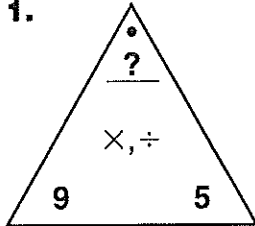
\_\_\_\_\_

**Practice Set 46**Use with or after  
Lesson 7·2

Write your answers below or on another piece of paper.

Write the missing number for each Fact Triangle. Then write the family of facts for that triangle.

1.



Missing number: \_\_\_\_\_

Fact family:

---



---

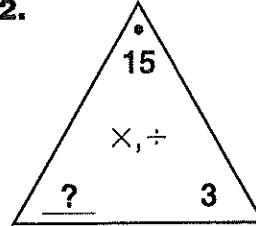


---



---

2.



Missing number: \_\_\_\_\_

Fact family:

---



---

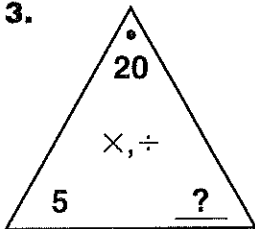


---



---

3.



Missing number: \_\_\_\_\_

Fact family:

---



---

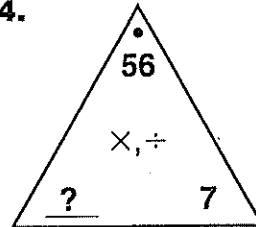


---



---

4.



Missing number: \_\_\_\_\_

Fact family:

---



---

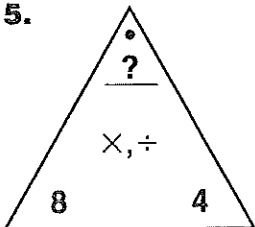


---



---

5.



Missing number: \_\_\_\_\_

Fact family:

---



---

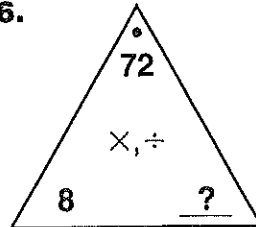


---



---

6.



Missing number: \_\_\_\_\_

Fact family:

---



---



---



---

**Practice Set 46** *continued*Use with or after  
Lesson 7-2

Write your answers below or on another piece of paper.

Write the missing rule and the missing numbers.

Example

in	out
5	2
11	8
17	14
23	20
19	16

Diagram: A box labeled "Rule" with an "in" arrow at the top and an "out" arrow at the bottom. The rule  $- 3$  is written inside the box.

7.

in	out
4	16
10	22
	24
12	
20	

Diagram: A box labeled "Rule" with an "in" arrow at the top and an "out" arrow at the bottom. The box is empty.

8.

in	out
2	6
3	9
	12
6	
8	

Diagram: A box labeled "Rule" with an "in" arrow at the top and an "out" arrow at the bottom. The box is empty.

9.

in	out
8	4
10	5
	3
14	
18	

Diagram: A box labeled "Rule" with an "in" arrow at the top and an "out" arrow at the bottom. The box is empty.

**Practice Set 47**Use with or after  
Lesson 7-3

Write your answers below or on another piece of paper.

Solve.

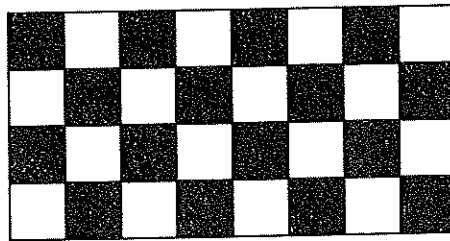
1.  $6 \times 6 =$  \_\_\_\_\_ 2.  $8 \times 3 =$  \_\_\_\_\_ 3.  $9 \times 6 =$  \_\_\_\_\_ 4.  $9 \times 9 =$  \_\_\_\_\_

5.  $7 \times 6 =$  \_\_\_\_\_ 6.  $8 \times 8 =$  \_\_\_\_\_ 7.  $8 \times 9 =$  \_\_\_\_\_ 8.  $8 \times 4 =$  \_\_\_\_\_

9.  $5 \times 8 =$  \_\_\_\_\_ 10.  $9 \times 4 =$  \_\_\_\_\_ 11.  $8 \times 6 =$  \_\_\_\_\_ 12.  $7 \times 7 =$  \_\_\_\_\_

13.  $8 \times 6 =$  \_\_\_\_\_ 14.  $7 \times 8 =$  \_\_\_\_\_ 15.  $9 \times 5 =$  \_\_\_\_\_ 16.  $7 \times 9 =$  \_\_\_\_\_

Denise invented a game using this gameboard. Answer each question below.



17. How many rows are on Denise's gameboard? \_\_\_\_\_

How many squares are in each row? \_\_\_\_\_

18. Write a number model to show the total number

of squares on Denise's gameboard. \_\_\_\_\_

19. How many of the squares on the gameboard are black? \_\_\_\_\_

How many are white? \_\_\_\_\_

20. If 2 markers can be placed on each square of the gameboard, how many markers can the gameboard hold?

\_\_\_\_\_

**Practice Set 48**Use with or after  
Lesson 7-4

Write your answers below or on another piece of paper.

Write a number model. Then solve.

**Example** Jerry picked 50 apples. He ate 2 of them. Then he divided the rest of the apples equally into 8 baskets. How many apples did he put in each basket?

**Number model:**  $(50 - 2) \div 8 = 6$

1. Karen made 3 clay pots Monday and 4 clay pots Tuesday. By the end of the week, she had made 17 pots. How many pots did she make between Wednesday and Friday?

\_\_\_\_\_

2. Keneisha had 18 stickers. She put 2 of them on her notebook. She put 4 of them on each of her folders. How many folders did Keneisha have?

\_\_\_\_\_

3. Franklin has 82 seashells. He wants to have 100. His friend Mario gave him 7. How many more shells does Franklin need?

\_\_\_\_\_

4. Tim needs 24 cupcakes for his birthday party. His mother made 12. Tim has 4 friends who said they will bring the rest. How many cupcakes should each friend bring if all 4 friends bring equal amounts?

\_\_\_\_\_

**Find each answer.**

5. For a picnic, Sharon brought 3 cookies for each of 4 people. How many cookies did she bring in all?

\_\_\_\_\_

6. Tom bought 2 packages of postcards. Each package contained 5 postcards. How many postcards did he buy in all?

\_\_\_\_\_

**Practice Set 48** *continued*Use with or after  
Lesson 7.4

Write your answers below or on another piece of paper.

Write each number.

**Example**

one million, four hundred ten thousand, five hundred three

**1,410,503**

7. three million, nine hundred fifty-four thousand, six hundred twenty-nine \_\_\_\_\_
8. nine million, six hundred twenty-one thousand, six hundred eight \_\_\_\_\_
9. two million, thirty-nine thousand, four hundred ninety-eight \_\_\_\_\_
10. nine hundred forty-one thousand, eight hundred five \_\_\_\_\_
11. seven million, three thousand, two hundred eighty \_\_\_\_\_
12. six million, two hundred nine thousand, four hundred fifty-five \_\_\_\_\_
13. nine million, eight hundred two \_\_\_\_\_
14. six million, nine thousand, ten \_\_\_\_\_

Write the multiplication and division fact family for each group of numbers.

**Example** 4, 28, 7     $4 \times 7 = 28$   
                                $7 \times 4 = 28$   
                                $28 \div 4 = 7$   
                                $28 \div 7 = 4$

**15.** 45, 9, 5

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**16.** 32, 4, 8

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**17.** 20, 4, 80

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**18.** 6, 40, 240

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**19.** 10, 6, 60

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**20.** 30, 70, 210

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Practice Set 49**Use with or after  
Lesson 7•6

Write your answers below or on another piece of paper.

Answer each question.

1. How much are 7 [80s]? \_\_\_\_\_
2. How much are 4 [600s]? \_\_\_\_\_
3. How much are 2 [2,000s]? \_\_\_\_\_
4. How much are 3 [400s]? \_\_\_\_\_
5. Which number multiplied by 3 equals 90? \_\_\_\_\_
6. Which number multiplied by 4 equals 1,600? \_\_\_\_\_
7. Which number multiplied by 7 equals 490? \_\_\_\_\_

Solve each problem.

- |   |  |
|---|--|
| <p>8. Sharon bought 3 packages of hair bows. There are 5 bows in each package. How many bows did Sharon buy?</p> <p>_____</p> | <p>9. Joe got 4 packages of stickers as a gift. Each package holds 6 stickers. How many stickers did Joe get?</p> <p>_____</p> |
| <p>10. A sheet of stamps has 6 rows. Each row has 3 stamps. How many stamps are on a sheet?</p> <p>_____</p>                  | <p>11. Each box of crackers holds 300 crackers. You have no boxes of crackers. How many crackers do you have?</p> <p>_____</p> |
| <p>12. Each row of buttons has 6 buttons. You have 1 row of buttons. How many buttons do you have?</p> <p>_____</p>           | <p>13. 5 cakes are each cut into 6 pieces. How many pieces of cake are there?</p> <p>_____</p>                                 |



**Practice Set 49** *continued*

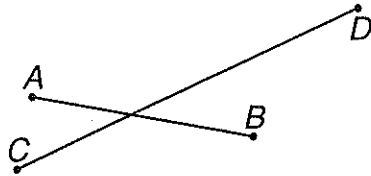
Use with or after  
Lesson 7-6



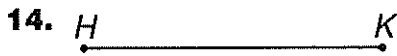
Write your answers below or on another piece of paper.

Measure each line segment to the nearest centimeter. Then tell whether the line segments are *parallel* or *intersecting*.

**Example**



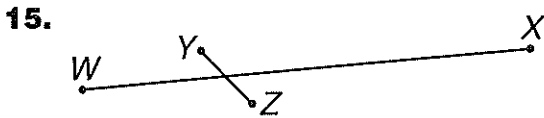
$\overline{AB}$  is 3 cm long.  
 $\overline{CD}$  is 5 cm long.  
 $\overline{AB}$  and  $\overline{CD}$  are intersecting.




---

---

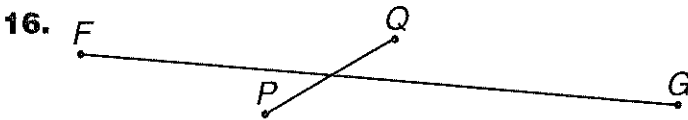
---




---

---

---



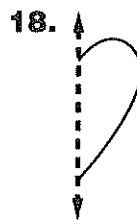
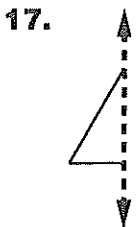
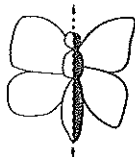

---

---

---

Finish each symmetrical shape according to the line of symmetry.

**Example**



**Practice Set 50**Use with or after  
Lesson 7-7

Write your answers below or on another piece of paper.

Use estimation to solve each of these problems:

1. Laura has \$45.00. Does she have enough to buy 2 skirts that each cost \$14.50 and a blouse that costs \$17.00?
- \_\_\_\_\_

2. Dennis has \$80.00. Does he have enough to buy gifts for his family that cost \$23.50, \$18.90, \$15.95, and \$17.50?
- \_\_\_\_\_

3. Linda earned \$33.00 in January and \$22.00 in February. She paid her sister back \$9.00 that she owed her. Does Linda have enough money left to pay for a weekend trip that costs \$48.00?
- \_\_\_\_\_

4. Dave earned \$24.00 in July by cutting lawns. He earned \$29.00 in August and \$17.00 in September. Did Dave earn enough money to buy 2 games that cost \$33.99 each?
- \_\_\_\_\_

5. Jill, JoAnn, and Jackie want go to an amusement park. The admission fee for each girl will be \$22.95. Lunch for each girl will cost \$5.50. Each girl received \$30.00 for her birthday. Do they have enough money to go to the amusement park?
- \_\_\_\_\_

Find each missing number.

6.  $4 = 2 \times \underline{\hspace{2cm}}$

7.  $\underline{\hspace{2cm}} = 8 \times 0$

8.  $\underline{\hspace{2cm}} \times 5 = 25$

9.  $8 \div 1 = \underline{\hspace{2cm}}$

10.  $4 \times \underline{\hspace{2cm}} = 4$

11.  $0 = \underline{\hspace{2cm}} \times 0$

12.  $9 = \underline{\hspace{2cm}} \div 1$

13.  $\underline{\hspace{2cm}} = 3 \times 6$

14.  $27 = \underline{\hspace{2cm}} \times 9$

15.  $4 \times 7 = \underline{\hspace{2cm}}$

16.  $3 \times \underline{\hspace{2cm}} = 12$

17.  $\underline{\hspace{2cm}} \times 10 = 30$

18.  $\underline{\hspace{2cm}} = 50 \times 1$

19.  $1 \div \underline{\hspace{2cm}} = 1$

20.  $\underline{\hspace{2cm}} \times 6 = 18$

**Practice Set 51**Use with or after  
Lesson 7·8

Write your answers below or on another piece of paper.

**Multiply.**

1.  $7 \times 90 = \underline{\hspace{2cm}}$       2.  $40 \times 40 = \underline{\hspace{2cm}}$       3.  $10 \times 280 = \underline{\hspace{2cm}}$       4.  $5 \times 50 = \underline{\hspace{2cm}}$

5.  $70 \times 6 = \underline{\hspace{2cm}}$       6.  $400 \times 8 = \underline{\hspace{2cm}}$       7.  $69 \times 10 = \underline{\hspace{2cm}}$       8.  $28 \times 10 = \underline{\hspace{2cm}}$

9.  $100 \times 30 = \underline{\hspace{2cm}}$       10.  $70 \times 30 = \underline{\hspace{2cm}}$       11.  $500 \times 2 = \underline{\hspace{2cm}}$       12.  $8 \times 300 = \underline{\hspace{2cm}}$

**Draw the following figures:**

13. 2 parallel lines

14. 2 intersecting line segments

15. a right angle

16. 2 rays that form an angle

17. an angle that is smaller than a right angle

18. an angle that shows a half-turn

**Find the median for each set of numbers below.****Example**    12 16 7 18 13 10**Step 1**    Put the numbers in order from least to greatest: 7 10 12 13 16 18**Step 2**    Now find the middle value, or the value that has an equal number of values less than and greater than itself.**The median, or middle value, is between 12 and 13.**

19. 27 50 42 18 42

---



---

20. 36 9 17 24 28 15 14

---



---

21. 82 75 79 81

---



---

22. 15 30 19 28 34 11

---



---

23. 62 28 55 49 38

---



---

24. 83 34 68 58 68 97

---



---

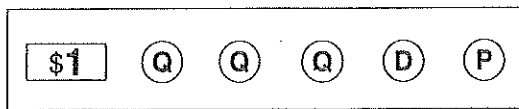
**Practice Set 51** *continued*Use with or after  
Lesson 7-8

Write your answers below or on another piece of paper.

Show each amount of money using the fewest coins and bills possible.

Use  \$1 s,  Q s,  D s,  N s, and  P s.

**Example** \$1.86



**25.** 79¢

\_\_\_\_\_

**26.** \$0.93

\_\_\_\_\_

**27.** \$1.52

\_\_\_\_\_

**28.** 49¢

\_\_\_\_\_

**29.** \$0.65

\_\_\_\_\_

**30.** \$2.19

\_\_\_\_\_

**31.** \$0.98

\_\_\_\_\_

**32.** \$3.84

\_\_\_\_\_

**33.** 59¢

\_\_\_\_\_

Solve each problem. Then make a ballpark estimate to check that your answer makes sense.

**34.** Dave caught a fish that was 26 inches long. Kim caught a fish that was 42 inches long. How much longer was Kim's fish?

\_\_\_\_\_

**35.** The lowest temperature in Denver one year was 8°F. The highest temperature during that same year was 96°F. What was the difference between the two temperatures?

\_\_\_\_\_

**36.** In the morning, the temperature was 24°F. By 2:00 in the afternoon, the temperature was 47°F. How much had the temperature risen?

\_\_\_\_\_

**37.** Larry planted a bush that was 38 centimeters tall. Three months later the bush was 51 centimeters tall. How much had the bush grown?

\_\_\_\_\_

**Practice Set 52**Use with or after  
Lesson 7•9

Write your answers below or on another piece of paper.

Use the following information to answer the questions below:

*A school cafeteria can spend \$1.50 on each student per lunch. One hamburger costs the school \$1.50. One hot dog, however, costs the school only \$0.50.*

1. How many hot dogs can replace 1 hamburger? \_\_\_\_\_
2. How many hot dogs can replace 2 hamburgers? \_\_\_\_\_
3. How many hot dogs can replace 50 hamburgers? \_\_\_\_\_
4. How many hot dogs can replace 400 hamburgers? \_\_\_\_\_

Write the number that has ...

5. 1 hundred-thousand

4 tens

5 ten-thousands

7 ones

9 thousands

3 hundreds

\_\_\_\_\_

6. 7 ten-thousands

2 ones

9 hundreds

0 thousands

3 hundred-thousands

9 tens

\_\_\_\_\_

7. 4 hundreds

8 ones

5 hundred-thousands

2 tens

9 thousands

0 ten-thousands

\_\_\_\_\_

8. 6 thousands

7 ten-thousands

6 ones

8 hundreds

4 tens

5 hundred-thousands

\_\_\_\_\_

**Practice Set 52** *continued*Use with or after  
Lesson 7-9

Write your answers below or on another piece of paper.

Match each description with the correct square or rectangle below. Write the letter that identifies the square or rectangle.

9. a rectangle with a perimeter of 18 units \_\_\_\_\_
10. a square with an area of 25 square units \_\_\_\_\_
11. a rectangle with an area of 10 square units \_\_\_\_\_
12. a rectangle with a perimeter of 10 units \_\_\_\_\_
13. a square with a perimeter of 20 units \_\_\_\_\_
14. a square that has the same number  
for its perimeter and its area \_\_\_\_\_
15. a rectangle that has an area of 14 square units \_\_\_\_\_
16. a rectangle that has a perimeter of 14 units \_\_\_\_\_

