



Activity

Multiplication Table

Material needed:

- Lesson Activity 22

The multiplication table in this lesson has 7 columns and 7 rows. Using **Lesson Activity 22**, make a multiplication table with 11 columns and 11 rows. Make sure to line up the numbers carefully. Use your multiplication table to answer the problems below.

Lesson Practice

In your multiplication table, find where the indicated row and column meet. Write that number as your answer.

- a. $\begin{array}{c} 4 \\ \downarrow \\ 5 \rightarrow ? \end{array}$ b. $\begin{array}{c} 2 \\ \downarrow \\ 6 \rightarrow ? \end{array}$ c. $\begin{array}{c} 6 \\ \downarrow \\ 3 \rightarrow ? \end{array}$ d. $\begin{array}{c} 10 \\ \downarrow \\ 8 \rightarrow ? \end{array}$

Find each product:

e. 6×7

f. 8×9

g. 8×4

h. 3×10

i. 50×0

j. 25×1

- k. **Connect** The answer to a multiplication problem is called the *product*. What do we call the numbers that are multiplied together?

Written Practice

Distributed and Integrated

- 1. Represent** Draw a number line marked with integers from -3 to 10 .
(12) How many unit segments are there from 3 to 8 ?
- *2. Analyze** Kwame was the ninth person in line. How many people were
(7) in front of him?
- 3. Represent** M'Kea used tally marks to count the number of trucks,
(12) cars, and motorcycles that drove by her house. Thirteen cars drove by her house. Use tally marks to show the number 13 .

4. **Connect** Write two addition facts and two subtraction facts for the fact family 1, 9, and 10.

Formulate For problems 5 and 6, write an equation and find the answer. (Hint: Problem 6 has three addends.)

- *5. Season tickets to an amusement park are on sale for \$100 each. On the first day of sale, the amusement park sold one hundred and sixty four tickets. After three days, the amusement park sold a total of 239 tickets. How many tickets did the amusement park sell on the second day?

6. The lengths of three bridges are shown in this table:

Bridge Name	Location	Length (ft)
Lincoln Memorial	Illinois	619
Perrine	Idaho	993
Rip Van Winkle	New York	800

What is the sum of the lengths of the bridges?

7. 3×6

8. 4×8

9. 7×9

*10. 9×10

11.
$$\begin{array}{r} a \\ - 819 \\ \hline 100 \end{array}$$

12.
$$\begin{array}{r} \$6.00 \\ - \$5.43 \\ \hline \end{array}$$

13.
$$\begin{array}{r} \$501 \\ - \$256 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 510 \\ - q \\ \hline 256 \end{array}$$

15.
$$\begin{array}{r} \$564 \\ \$796 \\ + \$287 \\ \hline \end{array}$$

16.
$$\begin{array}{r} n \\ + 96 \\ \hline 432 \end{array}$$

17.
$$\begin{array}{r} 608 \\ 930 \\ + 762 \\ \hline \end{array}$$

18.
$$\begin{array}{r} \$4.36 \\ \$2.18 \\ + \$3.94 \\ \hline \end{array}$$

19. $360 + 47 + b = 518$

20. $\$10 - \9.18

21. **Analyze** Write the smallest three-digit even number that has the digits 1, 2 and 3.

22. **Explain** Compare. How can you answer the comparison without adding or multiplying?

$$5 + 5 + 5 \bigcirc 3 \times 5$$

23. **Represent** Use digits and symbols to write “twelve equals ten plus two.”
(4, 6)

24. **Connect** What term is missing in this counting sequence?
(1)

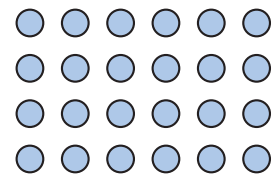
..., 32, 40, 48, _____, 64, ...

25. **Represent** Use digits to write eight hundred eighty dollars and eight cents.
(5)

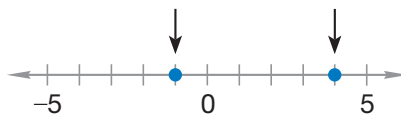
26. Compare: 346,129 ○ 346,132
(7)

*27. **Analyze** A dozen is 12. How many is half of half a dozen?
(2)

28. Write a multiplication problem that shows how to find the total number of circles.
(13)



29. **Represent** Two integers are indicated by arrows on this number line. Write the two integers using a comparison symbol to show which number is greater and which is less.
(4, 12)



30. The relationship between yards and feet is shown in this table:
(1)

Number of Yards	1	2	3	4
Number of Feet	3	6	9	12

a. **Generalize** Write a rule that describes how to find the number of feet for any number of yards.

b. **Predict** How many feet is 20 yards?