

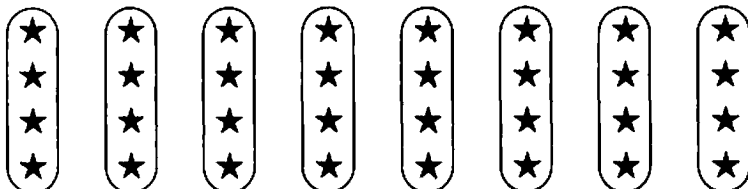


## SKILL 21: Meaning of Division

Division can be used to find the size of equal groups or the number of groups.

### Example 1

Use the array of 32 items to answer each question.



- a. 32 items are put into 8 groups of the same size. How many items are in each group?

32 can be divided into 8 groups of 4.  
So,  $32 \div 8 = 4$ .

- b. 32 items are put into groups of 4. How many groups can be made?

32 items can be divided into groups of 4 to make 8 groups.  
So,  $32 \div 4 = 8$ .

### Example 2

Find  $5 \div 1$ .



$$5 \div 1 = 5$$

Any number divided by 1 is the number.

### Example 3

Find  $5 \div 5$ .

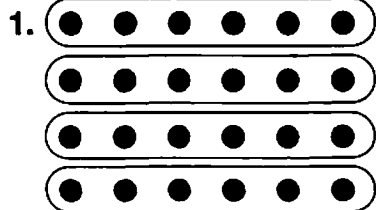


$$5 \div 5 = 1$$

Any nonzero number divided by itself is 1.

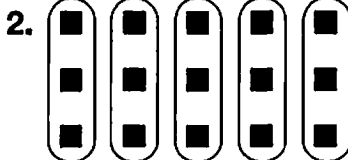
### Guided Practice

Write two division facts for each array.



$$\underline{\hspace{2cm}} \div 4 = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} \div 6 = \underline{\hspace{2cm}}$$



$$\underline{\hspace{2cm}} \div 5 = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

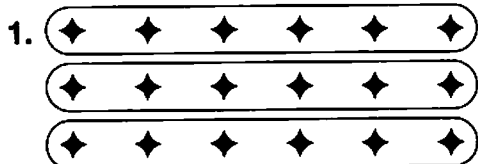


$$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

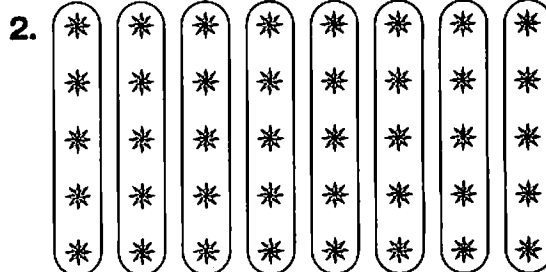
**SKILL 21: Practice**

Write two division facts for each array.



$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$



$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

**Divide.**

3.  $9 \div 9 = \underline{\quad}$       4.  $12 \div 3 = \underline{\quad}$       5.  $8 \div 4 = \underline{\quad}$       6.  $25 \div 5 = \underline{\quad}$

7.  $18 \div 2 = \underline{\quad}$       8.  $20 \div 4 = \underline{\quad}$       9.  $10 \div 2 = \underline{\quad}$       10.  $4 \div 1 = \underline{\quad}$

11.  $14 \div 2 = \underline{\quad}$       12.  $21 \div 7 = \underline{\quad}$       13.  $7 \div 1 = \underline{\quad}$       14.  $24 \div 3 = \underline{\quad}$

15.  $24 \div 8 = \underline{\quad}$       16.  $8 \div 8 = \underline{\quad}$       17.  $15 \div 3 = \underline{\quad}$       18.  $16 \div 8 = \underline{\quad}$

**Solve.**

19. Jane got 36 trading cards in 6 packages.  
She got the same number in each package.  
How many trading cards were in each package?

\_\_\_\_\_

20. Taylor has 30 rocks in his collection. He keeps  
6 rocks in each case. How many cases does  
he have?

\_\_\_\_\_

**TEST PREP**

21. Which of these is not true?

Skill 21

A  $8 \div 8 = 1$       C  $8 \div 1 = 8$

B  $1 \div 8 = 8$       D  $8 \times 1 = 8$

22. What is the best estimate for
- 
- this product:
- $38 \times 62$
- ?

Skill 13

F 180

H 1,800

G 240

J 2,400