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Multiplication Facts

A.2.1.1 A.3.1.2

Example

There are 7 days in a week. How many days are there in 4 weeks?

- A 24 days
- B 28 days
- C 32 days
- D 35 days

Thinking It Through

Solve —*Look for a Pattern* This problem calls for multiplication. Multiplication is a shortcut for repeated addition.

You can multiply 7×4 to find the product.

You can also add to find a product. Add one factor as many times as the other factor. Here, add 7 four times:

$$7 + 7 + 7 + 7 = 28$$

There are 28 days in 4 weeks, choice B.

Review

- Multiplication is the process of repeated addition. The numbers that are multiplied are the **factors**. The answer to a multiplication problem is the **product**.
- A multiplication table can be used to find the answer. Start at a row labeled with one of the factors. Then look at the column for the other factor. The product is the box where the column and row meet.

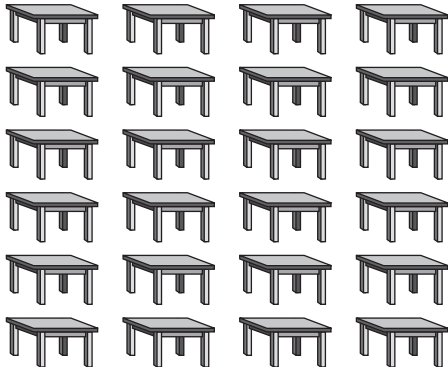
	0	1	2	3	4	5	6	7	8	9
0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9
2	0	2	4	6	8	10	12	14	16	18
3	0	3	6	9	12	15	18	21	24	27
4	0	4	8	12	16	20	24	28	32	36
5	0	5	10	15	20	25	30	35	40	45
6	0	6	12	18	24	30	36	42	48	54
7	0	7	14	21	28	35	42	49	56	63
8	0	8	16	24	32	40	48	56	64	72
9	0	9	18	27	36	45	54	63	72	81

- By using a multiplication table, you can find equivalent products that are created by different sets of factors, such as $3 \times 4 = 12 = 6 \times 2$.

Multiplication Facts

DIRECTIONS Read and solve each question. Fill in the bubble of the best answer.

- 1** Ms. Ambrose's class has 6 rows of desks with 4 desks in each row.



How many desks are there in Ms. Ambrose's class altogether?

- A 21
 B 24
 C 25
 D 28



You can use the multiplication table to find a product.

- 2** Which is equal to 6×5 ?

- A $6 + 6 + 6 + 6 + 6 + 6$
 B $5 + 5 + 5 + 5 + 5$
 C $5 + 6 + 5 + 6 + 5 + 6$
 D $6 + 6 + 6 + 6 + 6$

- 3** Lucie has scored 8 points in each of her 4 games so far. How many points has Lucie scored this season?

- A 24
 B 28
 C 32
 D 36

- 4** Dexter brushes his teeth 3 times each day. How many times does he brush his teeth in a week?

(Remember, there are 7 days in a week.)

- A 37
 B 27
 C 24
 D 21