Multiplication Facts

You can use different strategies to multiply.
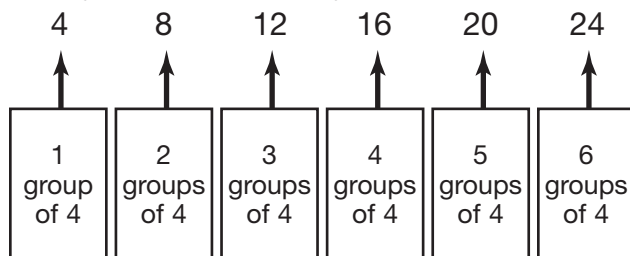
Find 6×4.

One Way	**Another Way**

One Way

Use a pattern.

6×4 means 6 groups of 4.

So, you can count by 4s.

4	8	12	16	20	24

1 group of 4	2 groups of 4	3 groups of 4	4 groups of 4	5 groups of 4	6 groups of 4

$6 \times 4 = 24$

Another Way

Use facts you already know.

Use 3s facts to help.

$$6 \times 4 \begin{cases} 3 \times 4 & 3 \times 4 = 12 \\ 3 \times 4 & 3 \times 4 = 12 \end{cases}$$

Add the products.
$12 + 12 = 24$

$6 \times 4 = 24$

In **1** and **2,** use a pattern to find the product.

1. $7 \times 2 =$ _____
Write the numbers you count.

_____ _____ _____ _____

_____ _____ _____

2. $8 \times 5 =$ _____
Write the numbers you count.

_____ _____ _____ _____

_____ _____ _____ _____

In **3–5,** use known facts to find the product. List the facts you used.

3. $6 \times 8 =$ _____

_____

_____

4. $9 \times 5 =$ _____

_____

_____

5. $7 \times 6 =$ _____

_____

_____

6. Writing to Explain Show how to use known facts to find 6×9. Explain how you chose the facts you did.

_____

_____

R 6·7