

> WORKED EXAMPLE

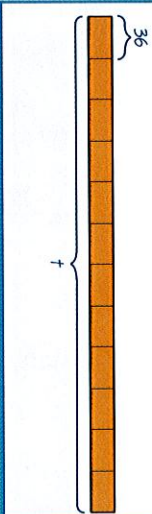
**STEP 1** Read the expression.

$$12 \times 36$$

**STEP 2** Write a problem.

12 designers each created a tile in a large mural. Each tile was 36 square feet. How many square feet is the mural?

**STEP 3** Draw a model.



**STEP 4** Solve the problem.

$$\begin{aligned} t &= 12 \times 36 \\ &= (10 + 2) \times (30 + 6) \\ 10 \times 30 &= 300 \\ 10 \times 6 &= 60 \\ 2 \times 30 &= 60 \\ 2 \times 6 &= 12 \\ \hline &432 \text{ ft}^2 \end{aligned}$$

> TRY IT

**1** **STEP 1** Read the expression.

$$13 \times 75$$

**STEP 2** Write a problem.

An art gallery had \_\_\_\_\_ visitors. Another gallery had \_\_\_\_\_ times the same number of visitors. How many fewer visitors were in the first art gallery?

**STEP 3** Draw a model.

> PRACTICE

**2** **STEP 1** Read the expression.

$$16 \times 53$$

**STEP 2** Write a problem.

A designer sold \_\_\_\_\_ pairs of jeans for \$ \_\_\_\_\_ each. How much money did she make altogether?

**STEP 3** Draw a model.

**STEP 4** Solve the problem.

3

$$24 \times 13$$

I spent \$ \_\_\_\_\_ on canvases and \_\_\_\_\_ times as much on acrylic paints. How much more did I spend on the paint?

4

$$62 \times 38$$

An art exhibition had \_\_\_\_\_ participants displaying their work. Each artist paid \$ \_\_\_\_\_ in registration fees. How much money was paid for registration fees?

# EXIT Ticket



BLOCK  
**2**

TOPIC 3

> Find the mistake in the problem.

Ben wrote a problem for this equation.

$$80 \times 13$$

I spent \$80 on art supplies.

I spent 14 times as much on a new camera. How much did I spend on my new camera?

TOPIC 2

What mistake did Ben make?

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TOPIC 1

> Rewrite the word problem so that it matches the expression.

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SCORE 0 1 2