

## Introduction

Fill in the missing numbers:

$$1 \times \underline{\quad} = 3$$

$$8 \times \underline{\quad} = 24$$

$$3 \times \underline{\quad} = 6$$

$$3 \times 9 = \underline{\quad}$$

$$4 \times 3 = \underline{\quad}$$

$$3 \times 6 = \underline{\quad}$$

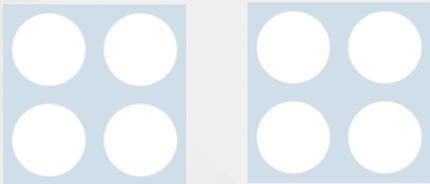
$$3 \times \underline{\quad} = 30$$

$$3 \times \underline{\quad} = 21$$

## Varied Fluency 1

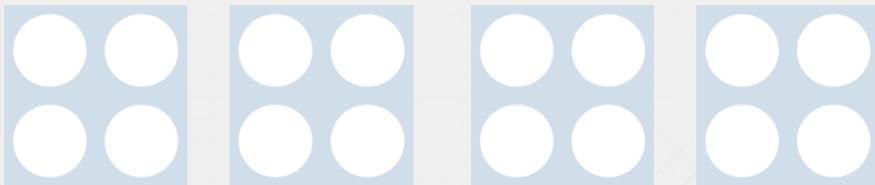
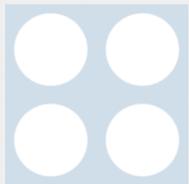
Write multiplication sentences to represent these images.

a.



$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

b.



$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

## Varied Fluency 2

The number four on a dice is thrown six times.



$$\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

Write a repeated addition sentence to find the total that was thrown.

### Varied Fluency 3

Which bar model shows  $7 \times 4$ ?

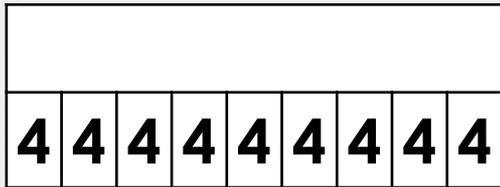
a.



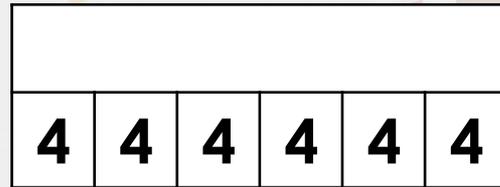
b.



c.



d.



Write the answer in the correct bar model.

## Varied Fluency 4

True or false?

$$44 = 12 \times 4$$

## Reasoning 1

Chang and Amelia are counting in multiples of 4.



Chang

12, 16, 18, 20, 24

32, 28, 24, 20, 16



Amelia

Are they correct? Explain how you know.

## Problem Solving 1

Match each description to the correct number.



Evie

My answer is  $8 \times 4$ .

18

44



Imran

My number is half of Evie's.

16



Isla

My number is four less than  
12 lots of 4.

32

## Problem Solving 2

Use the digit cards to make the statement correct.

$$4 \times ? = 10 + ?$$

3

4

2

6