



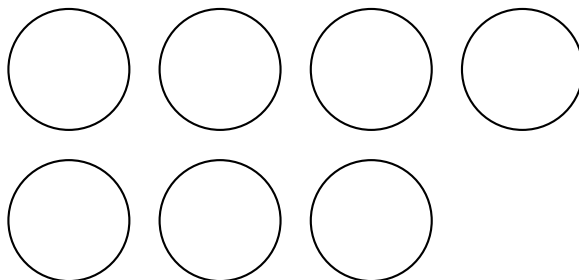
# Grade 3

## Chapter 02

### Multiplication Facts and Strategies

#### Multiply by 0 or 1

1. Write an equation for the model.



\_\_\_\_\_  $\times$  \_\_\_\_\_ = \_\_\_\_\_

Find the product.

2.

$$6 \times 0 = \underline{\hspace{2cm}}$$

3.

$$8 \times 1 = \underline{\hspace{2cm}}$$

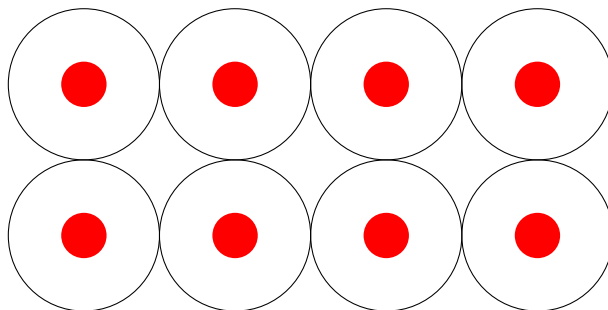
4.

$$\begin{array}{r} 1 \\ \times 9 \\ \hline \end{array}$$

5. A solo is a performance by 1 person. A duet is a performance by 2 people. There are 5 students performing solos and 0 students performing duets at a school concert. How many students perform a solo or a duet?

### Homework and Practice

1. Complete the model and the equation.



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

2. Find the product.

$$\begin{array}{r} 0 \\ \times 9 \\ \hline \end{array}$$

3. U.S. presidents can serve two 4-year terms. A president serves the first term, but is not re-elected. How many years does the president serve?

4. Writing How are the problems the same? How are they different?

$$5 \times 1 = 5$$

$$5 + 0 = 5$$

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