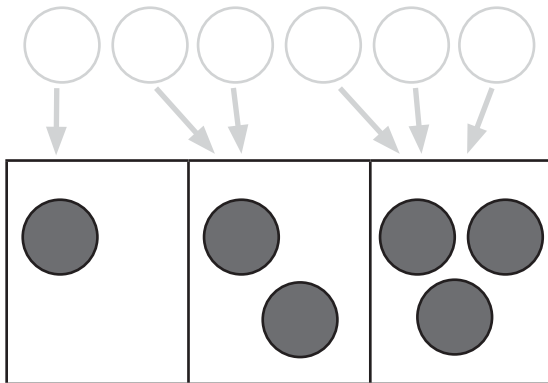




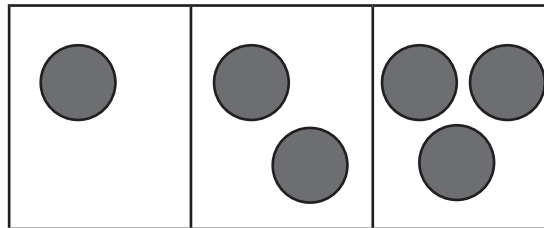
# Ways to Make 6

## Your Challenge

**Make 3 groups.**

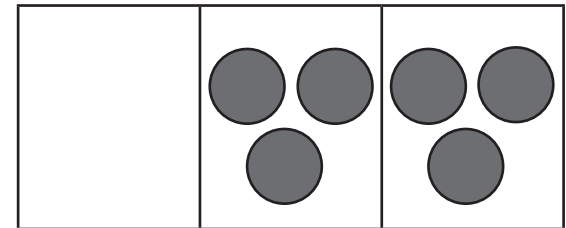


**Write an equation.**



$$\underline{1} + \underline{2} + \underline{3} = \underline{6}$$

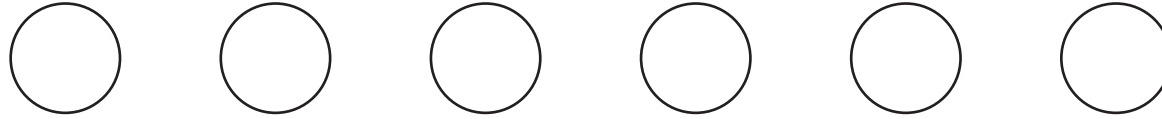
**Try a new way.**



$$\underline{0} + \underline{3} + \underline{3} = \underline{6}$$

**Children find different ways to make 6 with three addends.** Have children place six counters on the six circles. Then have them make three groups by moving all the counters to the three boxes. Children should count how many are in each box and write those three numbers as addends in the equation. Then they should write 6 as the sum in the equation. Have children repeat to show different ways to make 6.

# Ways to Make 6



Answers will vary. Possible answers are given:

--	--	--

$$\begin{array}{c} \text{---} \\ 1 \\ \text{---} \end{array} + \begin{array}{c} \text{---} \\ 4 \\ \text{---} \end{array} + \begin{array}{c} \text{---} \\ 1 \\ \text{---} \end{array} = \begin{array}{c} \text{---} \\ 6 \\ \text{---} \end{array}$$

$$\begin{array}{c} \text{---} \\ 2 \\ \text{---} \end{array} + \begin{array}{c} \text{---} \\ 3 \\ \text{---} \end{array} + \begin{array}{c} \text{---} \\ 1 \\ \text{---} \end{array} = \begin{array}{c} \text{---} \\ 6 \\ \text{---} \end{array}$$

$$\begin{array}{c} \text{---} \\ 2 \\ \text{---} \end{array} + \begin{array}{c} \text{---} \\ 2 \\ \text{---} \end{array} + \begin{array}{c} \text{---} \\ 2 \\ \text{---} \end{array} = \begin{array}{c} \text{---} \\ 6 \\ \text{---} \end{array}$$

$$\begin{array}{c} \text{---} \\ 5 \\ \text{---} \end{array} + \begin{array}{c} \text{---} \\ 1 \\ \text{---} \end{array} + \begin{array}{c} \text{---} \\ 0 \\ \text{---} \end{array} = \begin{array}{c} \text{---} \\ 6 \\ \text{---} \end{array}$$

# Draw It to Solve It

## Your Challenge

Draw and cross out.

$$6 - 1 =$$



Count and write.

$$6 - 1 = \underline{\quad 5 \quad}$$

Take away 1 more.

$$6 - 2 = ?$$



**Children subtract within 6.** Have children draw 6 circles. Then have them cross out the number that is being taken away. Children then complete the equation. When children have completed all the equations, have them look for any patterns.

# Draw It to Solve It

$$6 - 1 = \underline{\quad 5 \quad}$$

Check that children draw 6 circles and cross out 1 circle.

$$6 - 2 = \underline{\quad 4 \quad}$$

Check that children draw 6 circles and cross out 2 circles.

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

Check that children draw 6 circles and cross out 3 circles.

$$6 - 4 = \underline{\quad 2 \quad}$$

Check that children draw 6 circles and cross out 4 circles.

$$6 - 5 = \underline{\quad 1 \quad}$$

Check that children draw 6 circles and cross out 5 circles.

$$6 - 6 = \underline{\quad 0 \quad}$$

Check that children draw 6 circles and cross out 6 circles.