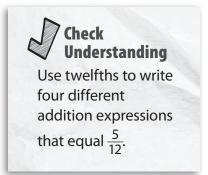
### **Different Ways to Show Sums**

#### What You Need

- number cube
- 15 game markers in one color
- 15 game markers in a different color
- Game Board

## What You Do

- **1.** Take turns. Roll the number cube. Find the fraction sum next to that toss in the table.
- 2. Find one expression on the **Game Board** that has that sum. Your partner checks your expression.
- **3.** If you are correct, place a game marker on that expression. If you are not correct or if there are no expressions with that sum, your turn ends.
- Your partner names another expression with the same sum that is NOT on the Game Board.
- Continue until all the expressions on the Game Board have been covered.
- 6. The player with the greater number of markers on the **Game Board** wins.



Toss	Sum		
1	<u>9</u> 8		
2	<u>5</u> 6		
3	$\frac{3}{8}$		
4	$\frac{4}{6}$		
5	<u>8</u> 6		
6	<u>7</u> 8		

# Go Further!

Write all the expressions you can think of to find the sum of  $\frac{6}{8}$ . Exchange papers with your partner to check.



Partner A \_\_\_\_\_

Partner B \_\_\_\_\_

# **Different Ways to Show Sums**

$\frac{2}{6} + \frac{1}{6} + \frac{1}{6} + \frac{5}{6}$	$\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$	$\frac{2}{8} + \frac{3}{8} + \frac{4}{8}$	$\frac{2}{6} + \frac{1}{6} + \frac{1}{6}$	$\frac{2}{8} + \frac{2}{8} + \frac{5}{8}$
$\frac{4}{6} + \frac{2}{6} + \frac{1}{6} + \frac{1}{6}$	$\frac{4}{8} + \frac{3}{8}$	$\frac{2}{6} + \frac{3}{6}$	$\frac{4}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$	$\frac{2}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$
$\frac{2}{8} + \frac{2}{8} + \frac{3}{8}$	$\frac{3}{6} + \frac{1}{6} + \frac{1}{6}$	$\frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{3}{8}$	$\frac{3}{6} + \frac{5}{6}$	$\frac{1}{6} + \frac{2}{6} + \frac{1}{6}$
$ \overset{3}{\approx} \frac{3}{8} + \frac{3}{8} + \frac{3}{8} $	$\frac{2}{6} + \frac{2}{6} + \frac{1}{6}$	$\frac{1}{8} + \frac{2}{8}$	$\frac{2}{6} + \frac{2}{6}$	$\frac{1}{8} + \frac{2}{8} + \frac{1}{8} + \frac{2}{8} + \frac{1}{8}$
$\frac{1}{6} + \frac{2}{6} + \frac{1}{6} + \frac{1}{6}$	$\frac{4}{8} + \frac{3}{8} + \frac{1}{8} + \frac{1}{8}$	$\frac{2}{6} + \frac{2}{6} + \frac{4}{6}$	$\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$	

