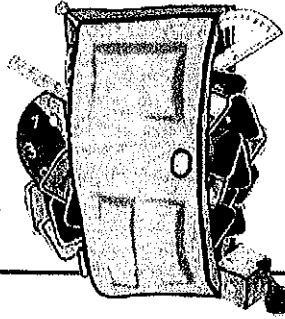
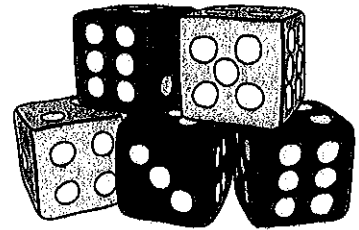


# Big Ideas Math® Game Closet



## Can $3 = 2$ ?



### ● Materials:

- 5 number cubes: 3 of one color, 2 of a different color

### ● Directions:

Work with a partner. Roll all five number cubes. Use your knowledge of order of operations and arrange the three cubes of one color to create an expression equal to the results of the roll of the other two cubes. You may use  $+$ ,  $-$ ,  $\times$  or  $\div$  to obtain the result you desire.

The two cubes can represent a number.

Example:    *Blue cubes...* 3, 2, 5    *Green cubes...* 2, 5  
 $(3+2) 5 = 25$

Or you can multiply them and use their product.

Example:    *Blue cubes...* 1, 4, 3    *Green cubes...* 6, 2  
 $1 \times 4 \times 3 = 6 \times 2$   
 $12 = 12$

### ● Who Wins?

For every correct answer the student receives 1 point. The player to reach a specified number of points wins.

OR

The student with the higher score at the end of a set amount of time wins.