

Composite Capers

Place 45 chips on the chart below. Place as many chips as you want in the section above each number. Roll the number cube 45 times. Determine if the number rolled is a composite number. If it is, you can remove a chip from the section on the board labeled “composite.” If the number is not composite you can remove a chip from the “non-composite” section on the board. If there are no chips remaining in the section rolled, you cannot remove a chip. The winner is the person with the least number of chips remaining on the board.

COMPOSITE CAPERS	
NON-COMPOSITE	COMPOSITE

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Use the back of this sheet to explain how you can use probability to help you place chips so that you are most likely to win this game.

