


Decompose into 5s and 2s

Strategy:

When multiplying a number by SEVEN,
you can multiply the factor by FIVE and add a double.

Ex: $8 \times 7 = 42$ $(8 \times 5) + (8 \times 2) = 40 + 16 = 56$



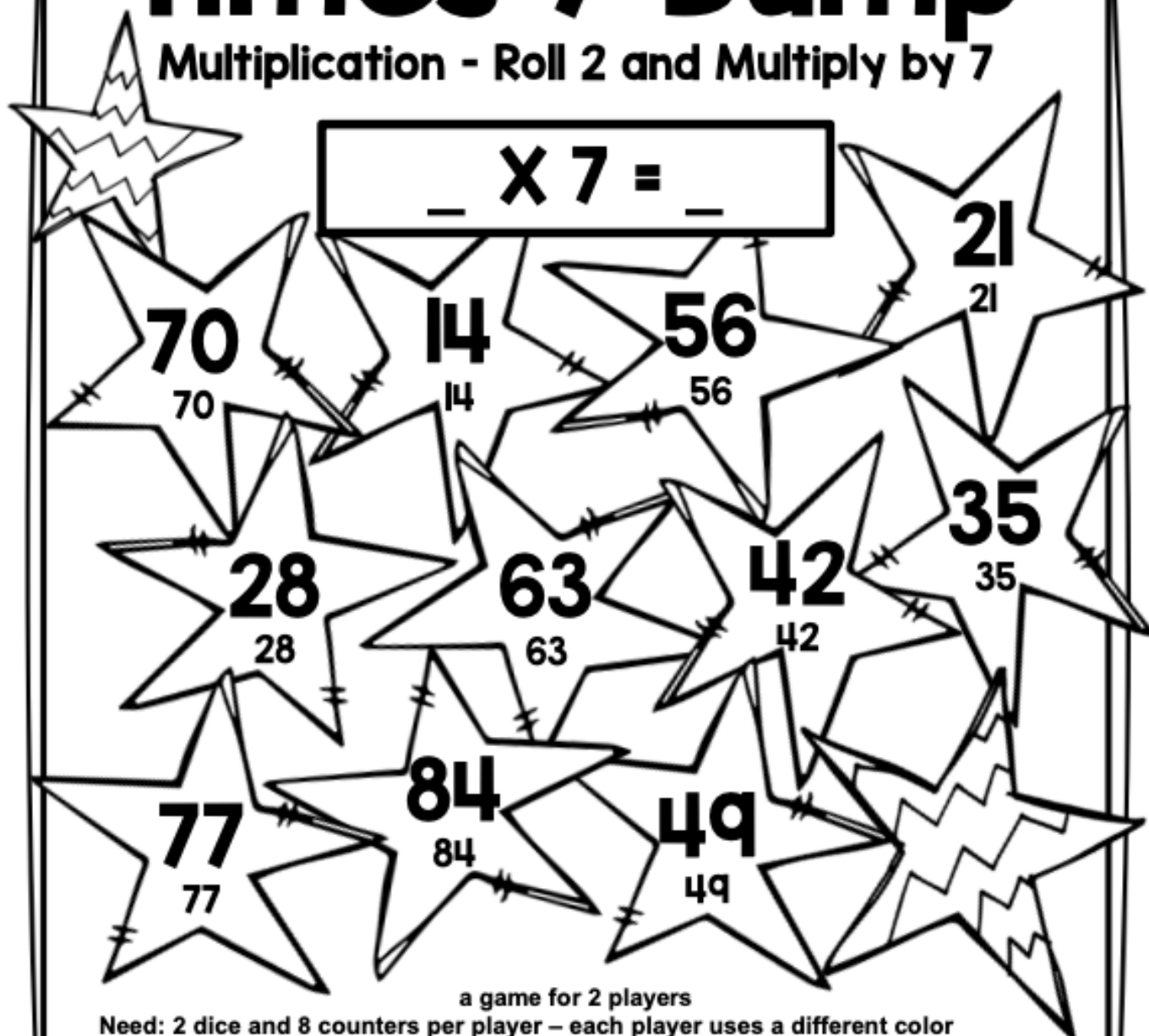
$(8 \times 5) + (8 \times 2) = 8 \times 7$

Games:
BUMP
Squares

STRATEGY: Fives + 2 More Groups

Times 7 Bump

Multiplication - Roll 2 and Multiply by 7



a game for 2 players

Need: 2 dice and 8 counters per player – each player uses a different color

To Play: Players take turns to roll the 2 dice, add the numbers together and then multiply the total by 7. The player then covers this number. For Example: If a player rolls 1 and 4, they would cover 35. If the other player has one counter on this number, they can 'bump' that counter off and put one of their own counters on it. You can only 'bump' when there is only one counter on the number. If that number is covered by one of the player's own counters, they can add another counter on top and then they have won that space and no more counters can be added. The winner of the game is the first player to use all 8 of their counters.

SQUARES GAME

multiplication x7

84	21	35	14	42	49	21	63	70	56
28	70	56	42	70	14	63	84	42	14
77	35	63	84	56	35	70	21	77	28
49	70	28	77	63	21	77	42	77	49
14	77	49	84	14	63	35	70	14	84
28	56	84	63	35	49	42	70	35	56
84	49	14	77	42	77	28	84	42	21
42	21	56	28	70	21	77	14	70	49
49	63	14	56	35	63	28	84	56	35
28	21	42	63	28	84	35	21	49	56

Instructions:

When it's your turn, roll two dice. Add the numbers on them together to find their sum. To find the product, multiply the sum by 7. Find the product on the game board and draw one line connecting two of its corners. Take turns. When you draw a line to close a square, you win it! Write your initials inside the square. The winner of the game is the player with the most squares. Good luck!