



# Three Dice Take

Game 42, Pg. 104 (Derived Fact Strategies - Multiplication and Division)

**Game Goal:** Earn the most points.

**Materials:** three dice, one shared Three Dice Take gameboard (laminated), dry-erase markers, one recording sheet per player

## How to Play (2 or more players):

1. Player 1 rolls all three dice.
2. Player 1 uses all three numbers with any combination of operations to get an available number on the shared gameboard and marks out the box with their number.
3. Player 1 records their equation on their recording sheet and receives 1 point for the box they crossed out and one additional point for each marked box that touches their number.
4. Player 2 repeats steps 1-3.
5. Continue, taking turns, until the gameboard is full or out of time. Player with the most points wins.

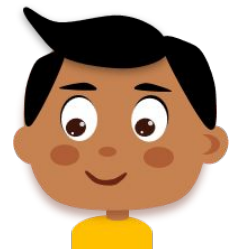
## Game in Action:



9	<del>10</del>	<del>11</del>	<del>12</del>	13
<del>17</del>	18	19	20	21
25	26	<del>27</del>	28	29
33	34	35	36	37

I rolled 3, 4 and 6.  
My equation is  
 $3 \times 4 + 6 = 18$  and I'll cross out 18. Because 18 is touching 17, 10, 11 and 27, I get 5 points this round.

Round	Equation	Points
11	$3 \times 4 + 6 = 18$	5
12		



## Variations:

- Pair or group players into teams and play two teams per game board. This promotes mathematical discussion within teams.
- Strategically mark five to eight spaces before the first player makes their first move to jump start the strategic selection of spaces (gameboard provided).