

THREE ON TARGET

Three On Target is a fun math game that uses the rolls on three dice and the four operations to make a range of totals, which include negative numbers and decimals. It is a similar game to Snatch the Snowflakes, but only 3 dice are used and the game includes making negative numbers and decimals.

Level of difficulty: ②

Number of players: 2

Learning: Add, subtract, multiply and divide to reach an answer (answers include decimals and negative numbers)

You will need

- 3 dice
- 15 counters in different colors (one color per player)
- A calculator

Instructions

- Take turns to throw the dice.
- Use the numbers on the dice and your +, -, x and \div skills to make one of the uncovered numbers on the grid. The digits cannot be put together and must all be used separately. Say your calculation to your partner.
- Your partner (or a referee) checks your calculation with a calculator.
- Cover the square up with one of your counters if you are correct.
- If you can't make any number on one of the uncovered squares, you give the dice to the next player.
- The winner is the first person to complete an equilateral triangle of 3 adjacent counters wins the game.
- If no player manages to get three counters in a triangle, then the player who has the most counters on the grid when it is completely covered is the winner.

Example: *If you roll a 2, 4, and a 5 you could cover up:*

-7 using $2 - 4 - 5$ 0.8 using $(3 + 1) \div 5$ -6 using $4 - (5 \times 2)$ etc.

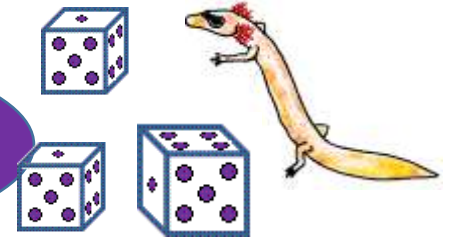
Variations

- If you get an answer wrong, your partner can remove one of your counters from the board.
- Easier Game
 - Allow numbers to be put together (e.g. with a roll of 2, 3 and 4, you could make 19 by doing $23-4$).
- Play the game with eight or ten-sided dice instead of 6-sided dice to bring in a wider range of number skills.
- Give each player a calculator to help them work out answers makes this game easier.

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Three in a triangle wins!



NEGATIVE NUMBERS AND DECIMALS

