

10 Steps Game

Number of players: Two

Materials: Two dice (one blue and one red), a penny

Before beginning

- Each player should choose a die.
- Decide which player goes first.
- Place the penny on 0.

How to play

Take turns. On your turn:

- Roll your die.
- Move the penny the number of steps you rolled.
 - If you rolled the blue die, move forward (positive direction).
 - If you rolled the red die, move backward (negative direction).
- Use absolute value notation to record how many steps the penny has moved in the game so far. See example below.
- Check to see if you won.

How to win

If the total number of steps reaches (or passes) 10 during your turn, you win. The game is over.

Sample game

Blue rolls 3, red rolls 2

Record: $3 + |-2| = 5$

Blue rolls 1

Record: $5 + 1 = 6$

Red rolls -4

Record: $6 + |-4| = 10$

Red wins the game.

Number Line

