

Make Ten

Topic: Addition Facts to Equal Ten

Object: Combine addends to cover all numbers.

Groups: Pairs

Materials for each group

- *Make Ten* gameboard, p. 45
- 2 Dot Cubes (1–6), p. 144
- counters

Directions

1. In the game, a pair works cooperatively to cover all numbers.
2. The pair rolls two Dot Cubes.
3. The pair uses any number on the gameboard to add to one or two Dot Cubes to make ten. The pair states aloud the equation and covers the number with a counter.
4. The pair continues to use the same two amounts shown on the Dot Cubes and covers other numbers.
Example: If 3 and 4 are shown on the Dot Cubes, children could cover 7 ($7 + 3 = 10$), 6 ($6 + 4 = 10$), and 3 ($3 + 3 + 4 = 10$).
5. When no other numbers can be covered, the pair rolls the two Dot Cubes and tries to cover additional numbers.
6. The pair continues to play until all numbers on the gameboard are covered.
7. The pair clears the gameboard and rolls two Dot Cubes to repeat the procedure.

Tips Replace one Dot Cube with a Number Cube. As children play, they might record their equations. For a challenge, have children roll three Dot Cubes, and use one, two, or all three numbers to see how many addends they can cover in one turn.

9	8	7	6	5
4	3	2	1	0

Making Connections

Promote reflection and make mathematical connections by asking:

- With which rolls were you able to cover the fewest numbers? Why?