How Many More to Make 6?

Topic: Subtraction facts

Object: Cover three in a row with your markers.

Groups: Pair players

Materials for each group

- *How Many More to Make 6?* Gameboard A, p. 66
- Counters (different kind for each pair)
- Number cube (1–6)
- Paper for recording equations

KEY STANDARD

Add and subtract within 20, demonstrating fluency for adding and subtracting within 10. (**1.OA.C.6**)

Tip *Substitute dot cubes or Dot Cards (1–6) if students are not ready for the number cube.*

Directions

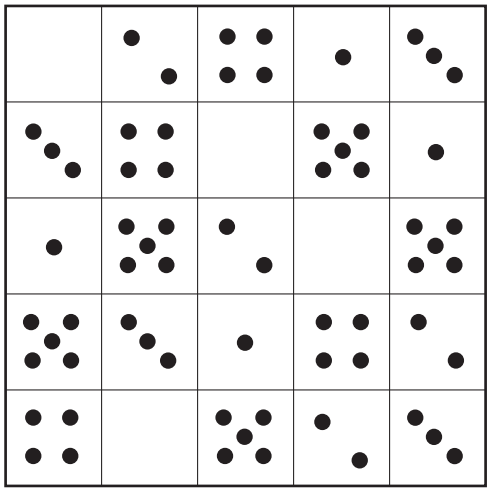
1. The first pair rolls the number cube to determine how many more are needed to make 6. The pair places a counter on a dot pattern that represents the missing amount.

   Example: If 2 is rolled, 4 is needed to make 6. Thus, the pair selects and covers one of the four-dot patterns on the gameboard.

2. Pairs are required to say aloud the related subtraction fact for each turn. (If 3 is rolled, the pair states "I have 3. I need 3 more to make 6 because 6 minus 3 equals 3.")

3. Pairs alternate turns following this procedure. The first pair to place three of their counters in a row horizontally, vertically, or diagonally wins.

4. To provide more practice with 6, use the *How Many More to Make 6?* Gameboard B, p. 67.



Making Connections

Promote reflection and make mathematical connections by asking:

- Were some numbers easier to cover than others?
- What strategies did you use in placing your counters?
- Was it difficult to block your opponent? Why or why not?

How Many More to Make 6?

Gameboard A

How Many More to Make 6?

Gameboard B

5	3	1	4	2
2	1	5	0	4
4	0	3	5	1
2	3	4	1	0
1	5	0	2	3

Digit Cards