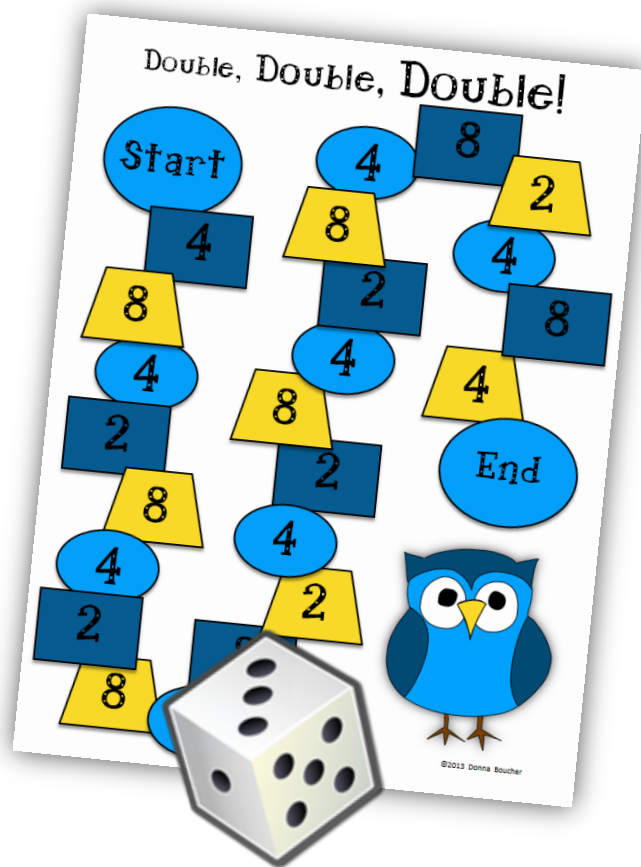# Math Coach's Corner

Double, Double, Double!

This game encourages students to learn their basic multiplication facts using the double strategy. The 2s facts are often easy for students to learn, because of the close tie to addition (2 x 6 is the same as 6 + 6). The 4s facts are double the 2s facts. So 4 x 6 is double 2 x 6, or 24. The 8s facts are double the 4s facts, so 8 x 6 is double 4 x 6, or 48.

Directions—This game can be played with 2-4 players. Players need a game board, a single number cube, and a playing piece for each player.
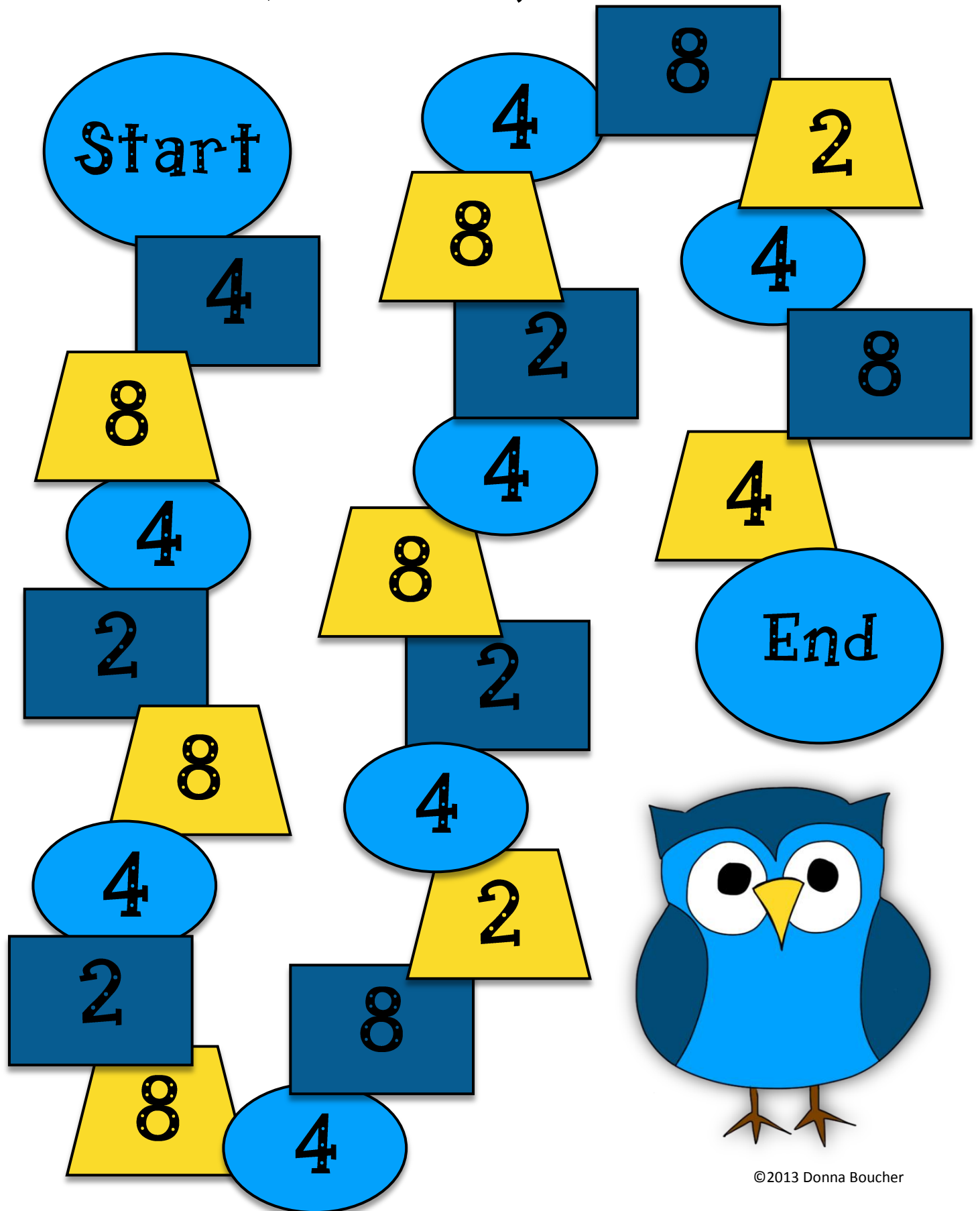
Both players start with their playing piece on Start. Player 1 rolls the number cube and moves that many spaces forward. They multiply the number on the number cube by the number on the space they land on. For example, if Player 1 rolls a 3 and lands on a space marked 4, they multiply 3 x 4. To encourage accountable talk, players should explain how they got their answer ("*I know 2 x 3 is 6, so 4 x 3 is double that, or 12.*").

Play alternates between players.

The player to read End first wins!

Double, Double, Double!

Start

4

8

4

2

8

4

2

8

4

4

8

2

4

8

2

8

2

4

2

8

4

2

4

8

2

4

8

End

Multiplication and Division Table

×／÷	1	2	3	4	5	6	7	8	9
1	1	2	3	4	5	6	7	8	9
2	2	4	6	8	10	12	14	16	18
3	3	6	9	12	15	18	21	24	27
4	4	8	12	16	20	24	28	32	36
5	5	10	15	20	25	30	35	40	45
6	6	12	18	24	30	36	42	48	54
7	7	14	21	28	35	42	49	56	63
8	8	16	24	32	40	48	56	64	72
9	9	18	27	36	45	54	63	72	81

Math Coach's Corner

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