

Products Bingo



Topic: Mental multiplication and number sense

Object: Cover 3 numbers in a row.

Groups: 2 players or pairs of players

Materials per group

- Markers (2 kinds)
- *Products Bingo A, B, or C* (pp. 84–86)
- Calculator (if available)

Directions

1. The first pair selects and announces two factors (one from each row in the Choices box). After the factor choices are announced, players may use a pencil and paper (or calculator) to check the product. Using a marker, the first pair then covers the resulting product on the gameboard. (If there are two of the same products on the gameboard, only one product may be covered on a turn.)
2. The other pair selects and announces two factors whose product can then be checked by pencil and paper (or a calculator). If the resulting product is on the gameboard and not covered, it is covered by that pair's marker.
3. Pairs continue alternating turns.
4. The first pair to have three markers in a row horizontally, vertically, or diagonally wins.

Making Connections

Promote reflection and make mathematical connections by asking:

- What strategy helped you line up your markers in a row?
- What numeric clues did you use to select your two factors?

KEY STANDARD

Multiply a whole number of up to four digits by a one-digit whole number, and multiply two two-digit numbers, using strategies based on place value and the properties of operations. (4.NBT.B.5)

Tip *As students gain skill, you might require pairs to get four in a row for a win.*

Choices:			
2	3	5	9
13	16	20	30

40	117	270	80
180	60	39	90
26	144	65	48
60	100	32	150



Products Bingo A

Choices:

2	3	5	9
13	16	20	30



40	117	270	80
180	60	39	90
26	144	65	48
60	100	32	150

Products Bingo B



Choices:			
3	4	5	9
24	27	35	38



105	152	140	216	96
120	135	190	315	120
140	81	342	135	243
114	190	175	108	72



Products Bingo C

Choices:

3	4	5	7	9
22	39	51	76	84

$? \times ? = 357$



66	88	110	117	153
154	156	195	198	204
228	252	255	273	304
336	351	357	380	420
459	532	588	684	756