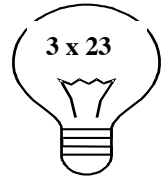


Grade 3

Multiplication Bingo

Module 7- Multiply and Divide by 1 Digit Numbers (Game 1)



Your child is learning how to multiply 2-digit numbers by 1-digit numbers. This is a multiplication game that helps children practice combining equal groups of 2-digit numbers.

Materials:

- Multiplication Bingo Cards A, B, C or D
- Two kinds of game pieces to cover numbers on the bingo card (beans, coins, chips, etc.)
- Scissors; Calculator (optional)

Object of the Game:

The object of the game is to have three game pieces in a row horizontally, vertically, or diagonally.

Directions:

1. Separate Multiplication Bingo Cards by cutting along the dotted line.
2. Two players will play on the same Multiplication Bingo Card.
3. The first player selects and announces two factors (one number from each row in the Choices Box).
4. After the factor choices are announced, the player may use mental math to come up with the product. The player may then use paper pencil or calculator to check his or her answer.
5. The player then covers the resulting product with his or her game piece on the gameboard. (If there are two of the same product on the game board, only one product may be covered on a turn.)

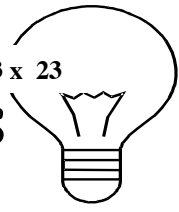
6. The next player selects and announces two factors in the Choices Box. He or she multiplies the two products mentally then checks the answer with paper and pencil or a calculator. If the resulting product on the game board is not covered, the player covers it.
7. Players continue to alternate turns.
8. The first pair to have three of their game pieces in a row horizontally, vertically, or diagonally, wins.

Question to ask your child while playing this game:

- What was your strategy for multiplying mentally?

Multiplication Bingo Cards

3 x 23



Module 7- Multiply and Divide by 1 Digit Numbers (Game 1)

Card A

22	44	88	55	75
88	30	60	110	60
344	55	75	88	44
176	120	215	86	172

Choices Box

Row One:	2	4	5	8
Row Two:	11	15	22	43

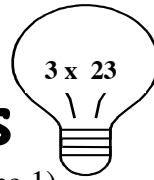
Card B

33	66	168	175	66
210	126	104	55	140
55	140	105	33	156
130	252	44	66	78

Choices Box

Row One:	3	4	5	6
Row Two:	11	26	35	42

Multiplication Bingo Cards



Module 7- Multiply and Divide by 1 Digit Numbers (Game 1)

Card C

144	384	238	204	90
45	120	161	144	204
184	69	336	90	138
102	288	120	105	272

Choices Box

Row One:	3	6	7	8
Row Two:	15	23	34	48

Card D

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

Choices Box

Row One:	3	4	5	9
Row Two:	24	27	35	38

Grade 3

Division Race



Module 7- Multiply and Divide by 1 Digit Numbers (Game 2)

Your child is learning how to multiply and divide 2-digit numbers by 1-digit numbers. This is a division game that helps children learn how many groups of a number are in a 2-digit number. This game also helps with practicing the multiplication facts 4-9.

Materials:

- Division Race game board
- A unique game piece for each player (For example, beans, coins, chips)
- Paper clip and pencil for the spinner

Directions:

1. Each player begins by placing a game piece on START (53). Numbers on the path are dividends (the number to be divided). The numbers on the spinner are the divisors (the number that tells how many groups that are in the dividend - the number to divide by).
2. Player 1 spins to determine a divisor for 53 (the number to divide 53 by).
3. Player 1 solves the division problem either in his or her head or with paper and pencil and shares the answer.
4. Player 1 moves ahead the number of spaces equal to the remainder.

Example: If a 5 is spun on the spinner, the player figures out the problem and says "53 divided by 5 equals 10 with a remainder of 3." And moves ahead 3 spaces.

If a division problem yields a remainder of zero, the player is unable to move ahead for that turn.

5. Player 2 completes steps 2 - 4.
6. Players alternate turns until one player reaches or goes beyond FINISH.

Questions to ask your child while playing this game:

- Were some numbers on the spinner easier than others? Which and why?
- Which numbers did you prefer to land on? Which and why?

Grade 3

Division Race Game Board

Module 7- Multiply and Divide by 1-Digit Numbers (Game 2)



Start 53	40	25	32	44	29	16	48	34	50

21

21	57	45	38	49	28	19	42	31	23
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51

27	41	44	35	24	18	37	20	31	46	15
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29

41	26	19	47	30	22	47
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35					
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39	51	33	23	17	43
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Finish 53

