

 **POWER BASICS**  **PLUS**

Basic Mathematics

Workbook

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NAME: _____



UNIT 2 • ACTIVITY 24

Multiplication Bingo

Your class has decided to play a game of multiplication bingo. Your teacher will roll the two dice and will multiply the two numbers together. Your teacher will continue to do this until someone has bingo. You are allowed to fill out the spaces of your bingo card with the numbers 1 to 36. Numbers can be repeated on your card up to five times.

1. On a separate sheet, create a chart showing all of the possible products of the two dice.
2. Would any numbers in the range you're allowed to use be more useful on a bingo card than others? Explain.

3. Are any numbers between 1 and 36 impossible to get? Explain.

4. How would you fill out your card?

		Free Space		



**UNIT 2 • ACTIVITY 25****Partner Facts**

Choose a partner for the following activity. Plan to help each other learn multiplication facts!

First, as a team, write down every multiplication fact from 0 to 12. This means you need to write down $0 \times 0 = 0$, $0 \times 1 = 0$, through $12 \times 0 = 0$. Then write down $12 \times 1 = 12$ through $12 \times 12 = 144$. Write each fact on a separate slip of paper. Place all the slips face down.

Next, you will take turns quizzing each other using these slips of paper.

Decide who will go first. The other partner will then choose a slip of paper and quiz the first player. For instance, you may pick up the slip of paper that reads: $6 \times 7 = 42$. You would say: "Six times seven equals . . ." and wait for your partner to answer. If your partner answers correctly, choose another slip of paper and read the problem. Continue for 2 minutes or until your partner has given three incorrect responses. If your partner answers incorrectly, write the complete corrected multiplication fact below.

Once 2 minutes is up (or three wrong answers have been given), change roles. The quizzer will now give answers. Whoever answers more problems correctly during his or her turn wins the round.

After each round, discuss your wrong answers and review the correct multiplication facts you wrote below. Try to help each other improve. Continue to play until your teacher ends the game.

Correct multiplication fact 1: _____

Correct multiplication fact 2: _____

Correct multiplication fact 3: _____



NAME: _____



UNIT 2 • ACTIVITY 26

Multiplication Chart

Complete the multiplication chart by filling in the missing values.

×	1	2	3	4	5	6	7	8	9	10	11	12	13
1	1	2	3	4	5	6	7	8	9	10	11	12	13
2	2		6		10	12			18		22		
3				12	15					30			
4		8				24					44		52
5		10			25			40		50			
6	6		18		30		42					72	
7			21				49				77		91
8	8			32		48			72				
9			27							90		108	
10	10				50			80			110		
11	11		33				77						143
12				48			84			120			
13		26			65				117				169

1. Are there any patterns that you found? _____

2. What do you notice about the middle diagonal starting at the top left corner? _____
