

# BASEBALL MULTIPLICATION

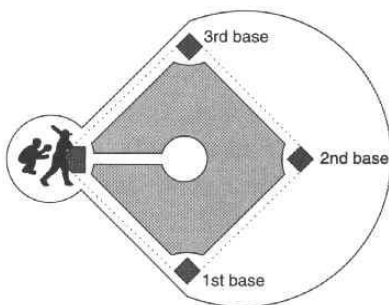


- Materials:**
- 2, 3, or 4 six-sided dice or a number card deck
  - baseball diamond
  - 4 pennies
  - [scoreboard](#)
  - a multiplication table or a calculator

**Number of Players:** Two (2)

- Directions:**
1. Draw a baseball diamond and make a scoreboard.

**Sample Drawings:**



SCOREBOARD		Extra Innings							
Inning		1	2	3	4	5	6	7	Final Score
Team: <i>The Eagles</i>	Outs	///	///	///	///	///			
	Runs	1	0	2	1	1			5
Team: <i>The Knights</i>	Outs	///	///	///	///	///			
	Runs	0	3	1	0	0			4

2. Players take turns being the "pitcher" and the "batter."
3. At the start of the inning, the batter puts a penny on home plate.
4. The pitcher rolls the dice or draws cards from the number card deck. The batter multiplies the numbers and tells the answer. The pitcher checks the answer in a multiplication table or on a calculator. If the answer is wrong, the play is an out.
5. If the answer is correct, the batter looks it up in a Hitting Table. If the product earns a hit, the batter moves all the pennies on base the number of bases shown below. If the play is not a hit, it is an out.

Single	1 base
Double	2 bases
Triple	3 bases
Home Run	4 bases or across home plate

6. A run is scored each time a penny crosses home plate.
7. A player remains the batter for 3 outs. Then players switch roles.

The inning is over when both players have made 3 outs.

8. After making the third out, a batter records the number of runs scored in that inning on the scoreboard.
9. The player who has more runs at the end of 4 innings wins the game. If the game is tied at the end of 4 innings, play continues into extra innings until one player wins.
10. If, at the end of the first half of the last inning, the second player is ahead, there is no need to play the second half of the inning. The player who is ahead wins.

### Game with Factors 1 to 6:

Follow the basic rules. At each turn, the pitcher rolls 2 dice. The batter multiplies the 2 numbers that come up and looks up the product in the Hitting Table at the right.

HITTING TABLE	
Factors 1 to 6	
1 to 9 =	Out
10 to 18 =	Single (1 base)
20 to 28 =	Double (2 bases)
30 to 35 =	Triple (3 bases)
36 =	Home Run (4 bases)

### Game with Factors 1 to 10:

Follow the basic rules. Use a number card deck with 4 each of the numbers 1 to 10 instead of dice. At each turn, draw 2 cards from the deck and find the product of the numbers. Use the Hitting Table at the right to find out how to move the pennies.

HITTING TABLE	
Factors 1 to 10	
1 to 21 =	Out
24 to 45 =	Single (1 base)
48 to 70 =	Double (2 bases)
72 to 81 =	Triple (3 bases)
90 or 100 =	Home Run (4 bases)