

# Baseball Multiplication

## Materials

- Baseball Multiplication Game Mat
- 2, 6-sided dice
- 4 pennies

Players: 2 teams of one or more players

## Grade 3 Practiced Skill:

Operations & Computation: Automatic recall of 0,1,2,5,10 multiplication facts; strategies to compute all other facts.

Object of game: Rules are similar to baseball. The team with the most runs after 3 innings wins when the game is over.

## **Directions:**

1. Members of one team take turns “pitching” by rolling the two dice to get two factors.
2. Members of the “batting” team take turns multiplying the factors and saying the product.
3. Members of the “pitching” team check the product (calculator or Multiplication/Division Table).
4. An incorrect answer is a *strike*, and another pitch is thrown. Three strikes make an *out*.
5. If the answer is correct, the batter checks the Scoring Chart on the game mat and moves a penny to the base shown for that product.
6. Runners already on bases are moved ahead of the batter by the same number of bases.
7. A *run* is scored every time a runner crosses home plate.
8. Use the Runs and Outs Tally on the game mat to keep tally of runs scored and outs made for each inning.
9. At the end of each inning record the number of runs on the Scoreboard.

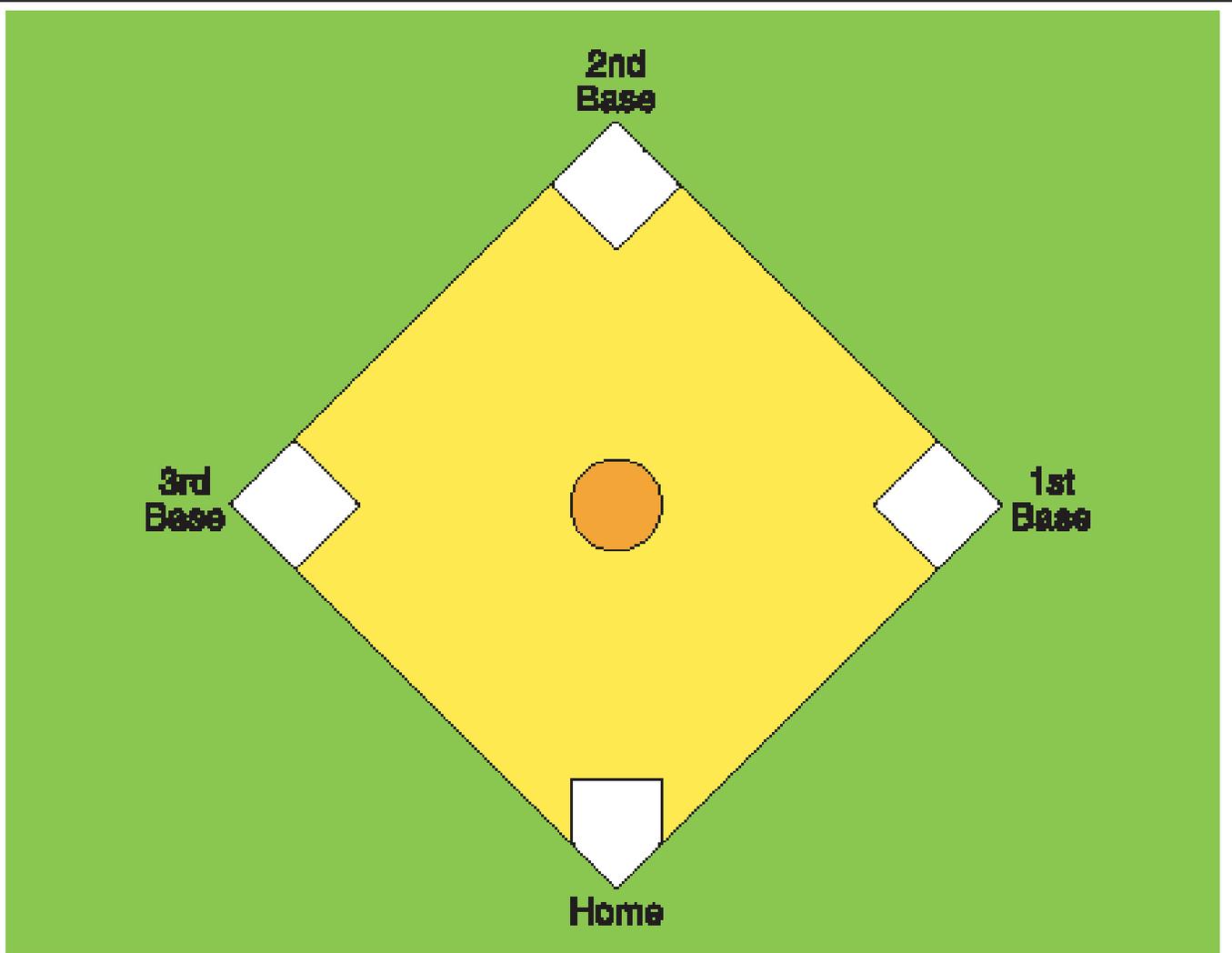
## **Advanced Version: play with a 12-sided die**

1. Members of one team take turns “pitching” by rolling the die twice to get two factors.
2. Members of the “batting” team take turns multiplying the two factors and giving the product.
3. When the batter gives the correct product, check the Scoring Chart on the game mat.
4. The rest of the game is the same as a regular game of Baseball Multiplication
5. Can pretend that 11 or 12 on the 12-sided die is a 10 to make it a little easier

## **Key Concepts in Spanish:**

**Practice saying numbers in Spanish while multiplying:**  $4 \times 6 = 24$ ... 4 por 6 es igual a 24

# 6-sided dice

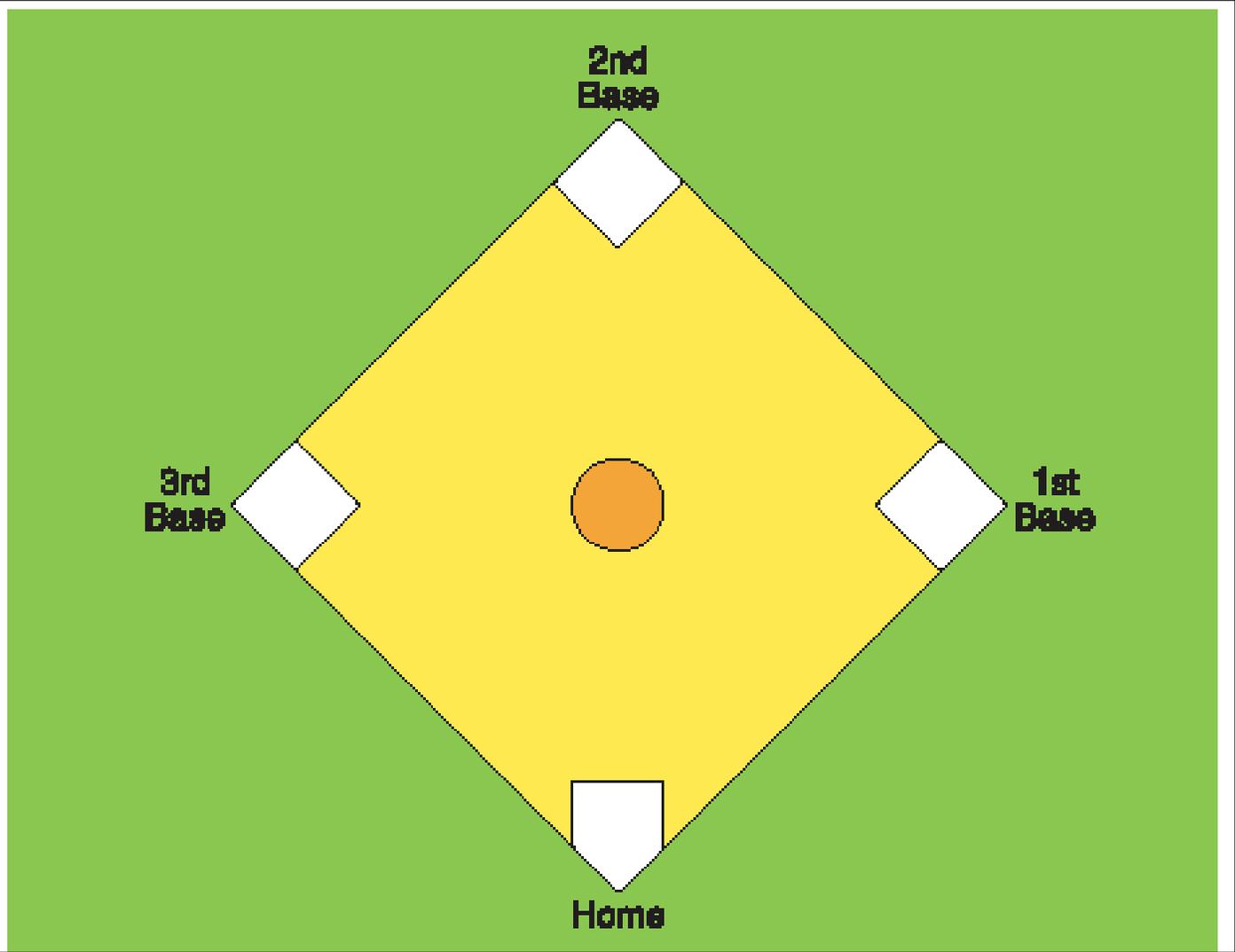


Scoreboard				
Inning	1	2	3	Total
Team 1				
Team 2				

Runs and Outs Tally			
Team 1		Team 2	
Runs	Outs	Runs	Outs

Scoring Chart (for two 6-sided dice)	
36 = Home run (score a run)	6 to 15 = Single (go to 1 <sup>st</sup> base)
25 to 35 = Triple (go to 3 <sup>rd</sup> base)	5 or less = Out (record an out)
16 to 24 = Double (go to 2 <sup>nd</sup> base)	

# 12-sided dice



Scoreboard				
Inning	1	2	3	Total
Team 1				
Team 2				

Runs and Outs Tally			
Team 1		Team 2	
Runs	Outs	Runs	Outs

Scoring Chart (for 2 rolls of a 12-sided dice)	
91 or more = Home run (score a run)	21 to 60 = Single (go to 1 <sup>st</sup> base)
76 to 90 = Triple (go to 3 <sup>rd</sup> base)	20 or less = Out (record an out)
51 to 75 = Double (go to 2 <sup>nd</sup> base)	