

### Angle Tangle

- Materials**
- 1 protractor
  - 1 straightedge
  - several blank sheets of paper

**Players** 2

**Skill** Estimating and measuring angle size

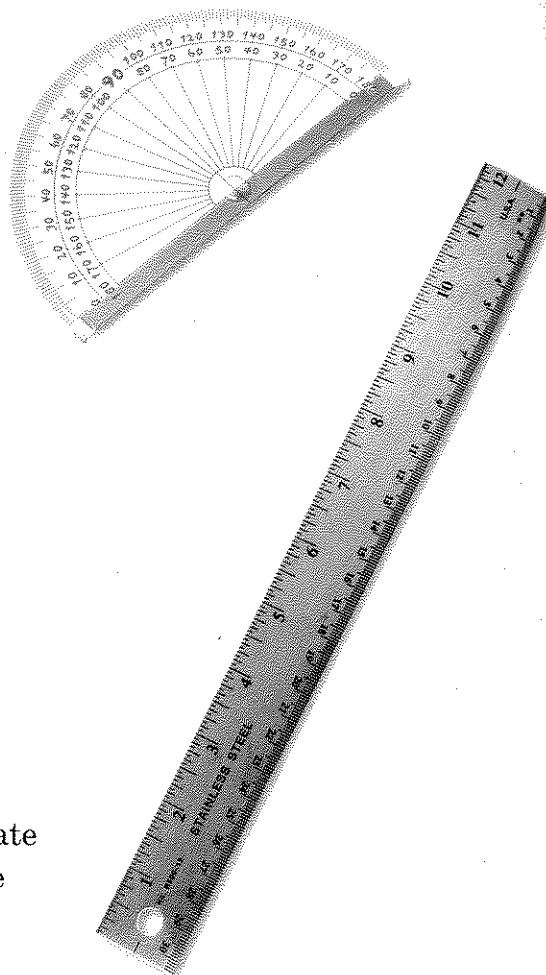
**Object of the game** To estimate angle sizes accurately and have the lower total score.

**Directions**

In each round:

1. Player 1 uses a straightedge to draw an angle on a sheet of paper.
2. Player 2 estimates the degree measure of the angle.
3. Player 1 measures the angle with a protractor. Players agree on the measure.
4. Player 2's score is the difference between the estimate and the actual measure of the angle. (The difference will be 0 or a positive number.)
5. Players trade roles and repeat Steps 1–4.

Players add their scores at the end of five rounds. The player with the lower total score wins the game.



**Example**

	Player 1			Player 2		
	Estimate	Actual	Score	Estimate	Actual	Score
Round 1	120°	108°	12	50°	37°	13
Round 2	75°	86°	11	85°	87°	2
Round 3	40°	44°	4	15°	19°	4
Round 4	60°	69°	9	40°	56°	16
Round 5	135°	123°	12	150°	141°	9
<b>Total Score</b>			<b>48</b>			<b>44</b>

Player 2 has the lower total score. Player 2 wins the game.

### Baseball Multiplication (1 to 6 Facts)

- Materials**
- 1 *Baseball Multiplication Game Mat* (*Math Masters*, p. 460)
  - 2 six-sided dice
  - 4 counters
  - 1 calculator or a multiplication/division table

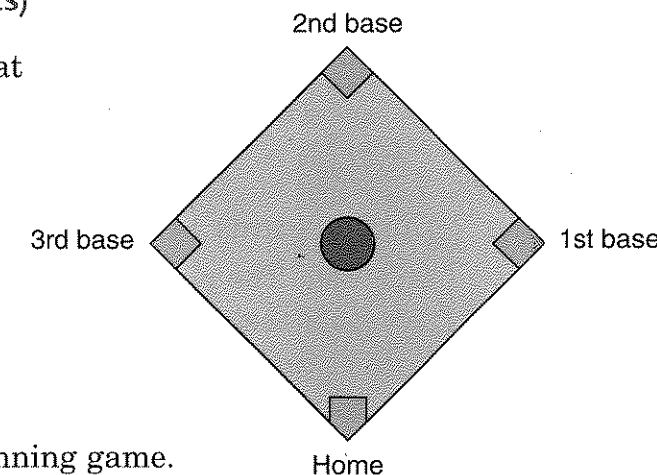
**Players** 2 teams of one or more players each.

**Skill** Multiplication facts 1 to 6

**Object of the game** To score more runs in a 3-inning game.

**Directions**

1. Draw a diamond and label *Home*, *1st base*, *2nd base*, and *3rd base*. Make a Scoreboard sheet like the one shown at the right.
2. Teams take turns being the *pitcher* and the *batter*. The rules are similar to the rules of baseball, but this game lasts only 3 innings.
3. The batter puts a counter on home plate. The pitcher rolls the dice. The batter multiplies the numbers rolled and gives the answer. The pitcher checks the answer and may use a calculator to do so.
4. If the answer is correct, the batter looks up the product in the Hitting Table at the right. If it is a hit, the batter moves all counters on the field the number of bases shown in the table. The pitcher tallies each out on the scoreboard.
5. An incorrect answer is a strike and another pitch (dice roll) is thrown. Three strikes make an out.
6. A run is scored each time a counter crosses home plate. The batter tallies each run scored on the Scoreboard.
7. After each hit or out, the batter puts a counter on home plate. The batting and pitching teams switch roles after the batting team has made 3 outs. The inning is over when both teams have made 3 outs.



Scoreboard					
Inning		1	2	3	Total
Team 1	outs				
	runs				
Team 2	outs				
	runs				



**Hitting Table**  
1 to 6 Facts

1 to 9	Out
10 to 19	Single (1 base)
20 to 29	Double (2 bases)
30 to 35	Triple (3 bases)
36	Home Run (4 bases)

The team with more runs at the end of 3 innings wins the game. If the game is tied at the end of 3 innings, play continues into extra innings until one team wins.