

Angle Tangle

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

Players 2

Skill Estimating and measuring angle size

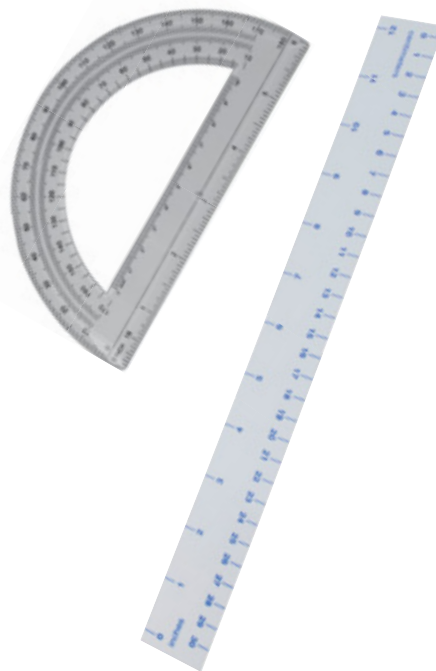
Object of the Game To estimate angle sizes accurately and have the lower total score.

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
Total Score			48			44

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

Angle Tangle Record Sheet



NAME _____

DATE _____

TIME _____

Round	Angle	Estimated Measure	Actual Measure	Score
1		_____ °	_____ °	
2		_____ °	_____ °	
3		_____ °	_____ °	
4		_____ °	_____ °	
5		_____ °	_____ °	
Total Score				

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