



Even or Odd Game



Worksheet 4.1 C

Directions:

- Choose a partner from your group
- Decide who is "odd" and who is "even"
- Roll a pair of dice. Find the product (by multiplying) of the two dice
- Determine who gets the point. Put a tally mark in the person's box.
- The first person up to 10 points wins the game
- Play at least 3 games

	EVEN	ODD
GAME #1		
GAME #2		
GAME #3		

Questions:

- Do the "even" person and the "odd" person have an equal chance of winning the game? Explain why you think this.
- Find a way to make this game more fair. Test your new game by playing it three times. Explain how you can tell that your game is more fair than the original game.



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The Winning Difference



A game involves two cubes with sides numbered from 1 through 6. After throwing the two cubes, the smaller number is subtracted from the larger number to find the difference.

Die 1	Die 2	Result	Die 1	Die 2	Result



If a player throws the cubes many times, what difference will probably occur ***most*** often? Provide a diagram, chart, or list and a written explanation that you could use to explain this to a friend.

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