

# Exponent Ball Advanced Version

## Directions

Roll the dice two times and make a decision for each number: **Decide:** Which is the base, which is the exponent?

PLAYER 1	PLAYER 2
<b>Turn 1:</b> Base rolled: _____ Exponent rolled: _____ Answer: _____ Yards gained _____ Yards lost _____	<b>Turn 1:</b> Base rolled: _____ Exponent rolled: _____ Answer: _____ Yards gained _____ Yards lost _____
<b>Turn 2:</b> Base rolled: _____ Exponent rolled: _____ Answer: _____ Yards gained _____ Yards lost _____	<b>Turn 2:</b> Base rolled: _____ Exponent rolled: _____ Answer: _____ Yards gained _____ Yards lost _____
<b>Turn 3:</b> Base rolled: _____ Exponent rolled: _____ Answer: _____ Yards gained _____ Yards lost _____	<b>Turn 3:</b> Base rolled: _____ Exponent rolled: _____ Answer: _____ Yards gained _____ Yards lost _____
<b>Turn 4:</b> Base rolled: _____ Exponent rolled: _____ Answer: _____ Yards gained _____ Yards lost _____ Total points after 4 rounds: _____	<b>Turn 4:</b> Base rolled: _____ Exponent rolled: _____ Answer: _____ Yards gained _____ Yards lost _____ Total points after 4 rounds: _____

**After players 1 and 2 have 4 turns each, answer the following:**

1. Is it better to get a number greater as a base or greater as an exponent? Why?

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2. What pair of base and exponent did you gain the most yards?

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