Math 6 - Unit 3

Exponents CLUE

Name: _____

Class Period: 1 2 3 4 Date: _____

Solve each problem. Cross out the answer and clue on the left. Show all work to get credit!

Who?

A - Beyonce

B - Ariana Grande

C - Bruno Mars

D - Olivia Rodrigo

I - Justin Bieber

3 - Harry Styles

Where?

7^2 - Mars

7^3 - The Suburbs

9^5 - Barber Shop

12^3 - The Grammys

32 - Dunkin Donuts

49 - Math Class

What?

59 - Watermelon

64 - Poisoned donuts

81 - Peaches

100 - Lemonade

144 - Uptown Funk

729 - Drivers license

1) Which choice shows 6^4 in expanded form? A. $4 \cdot 4 \cdot 4 \cdot 4 \cdot 4 \cdot 4$ B. $6 \cdot 4$ C. $6 \cdot 6 \cdot 6 \cdot 6$ D. None of these	2) Write in exponential form: $12 \cdot 12 \cdot 12$	3) Write in exponential form: 7 squared
4) Evaluate: 7 squared	5) Which choice shows 11^2 in expanded form? A. $11 \cdot 11$ B. $11 \cdot 2$ C. $2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2$ D. None of these	6) Evaluate: 10^2
6) Evaluate: 6^0	8) Write in exponential form: $9 \cdot 9 \cdot 9 \cdot 9 \cdot 9$	9) Which choice shows 2^4 in expanded form? A. $2 \cdot 4$ B. $2 \cdot 2 \cdot 2$ C. $4 \cdot 4$ D. None of these
10) If a base is "cubed," what is the exponent?	11) Evaluate: 4 cubed	12) Evaluate: 12 squared
13) Evaluate: 9^3	14) Evaluate: 2^5	15) Evaluate: 3^4

Who?	**Where?**	**What?**
_____	_____	_____