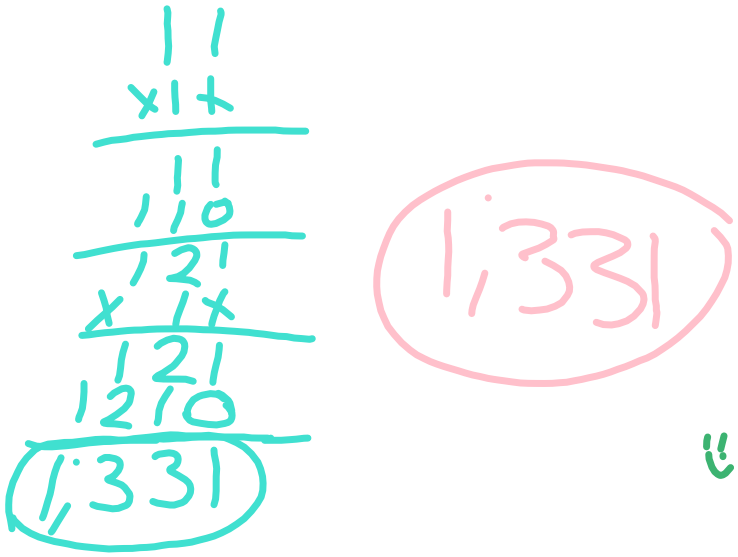
Exponent Quiz

11^3



10^7

$10^2 = 100$

$10^3 = 1000$

Shortcut: 1 followed by 7 zeros

$10^7 = 10000000$

Order of Operations

1. P ( ) Do parentheses first.
2. E 2^3 Do exponents second.
3. MD Third, multiply or divide, from left to right in the problem.
4. AS Fourth, add or subtract, from left to right in the problem.

$25 - 5 \cdot 3 + 2^3$

$25 - 5 \cdot 3 + 8$

$25 - 15 + 8$

$10 + 8$

18

~~P~~

~~E~~

MD

AS

$5 + 5(3 + 4)$

$5+5(7)$

$5+35$

40

~~P~~

~~E~~

MD

AS

$120 - 40 \div 8 \cdot 2$

120 − 5 · 2

120 − 10

110

110

P

E

MD

AS

$8 + 2(10 - 7)^2$

$8 + 2(10 - 7)^2$

$8+2(3^2)$

$8+2(9)$

$8+18$

26

P ( )

E 3^2

MD × ÷

AS + −

What is the probability of spinning green?

P(green)

Fraction $\frac{1}{5} = \frac{20}{100}$

Percent 20%

What is the probability of spinning Beaver colors?

Fraction Percent

$\frac{2}{5} \cdot \boxed{\frac{20}{20}} = \frac{40}{100} = 40\%$