

1.6: Exps & Order of Ops

① exponents. : what they mean

$$2^6 \cdot 3^2$$

$$4^3 \cdot 5^2$$

$$6^2 \cdot 0^7$$

$$5^2 \cdot 7^3 \cdot 2$$

$$5^1 \cdot 10^1 \quad (\text{powers of tens}).$$

② order of ops. PEMDAS

$$2 + 5 \cdot 9$$

$$12 - (12 - 4) \div 4$$

$$67 - 5^2$$

$$12 \div 3 \cdot 2^2 + (7 - 3)^2$$

$$3 + (4 - 1) \div 3$$

$$12 + 4 \cdot 2^3$$

$$3^3 + 5 \cdot (8 - 6)^3$$