

Prime Numbers:

A number whose only factors are 1 & itself

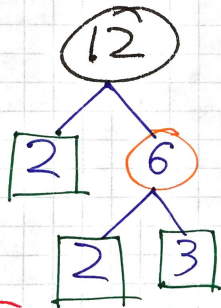
Egg samples:

2, 3, 5, 7, 11, 13, 17, 19, 23...

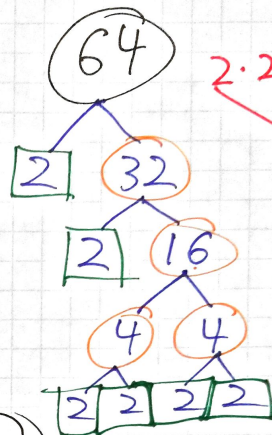
Prime Factorization:

The process of using division to break down a larger value to only Prime Factors

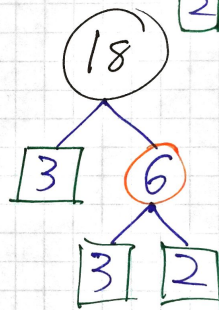
Egg samples:



$2 \cdot 2 \cdot 3$ and $2^2 \cdot 3$ (both circled in red)



$2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2$ with arrows pointing to 2^6 (circled in red)



$2 \cdot 3 \cdot 3 = 2 \cdot 3^2$ (circled in red)