## Number Theony

1,2,3,6,6,10,15,30

$$n = 4 \qquad \frac{\alpha}{1} \times \frac{\sqrt{\alpha}}{4} \qquad 3 \mapsto$$

$$\begin{array}{c|c} a & n/a \\ \hline a_1 & b_1 \\ a_2 & b_2 \\ \vdots & \vdots \\ \hline n & \end{array}$$

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$$a \times a = n$$

$$\Rightarrow a^2 = n$$

$$\therefore a = \sqrt{n}$$

$$\frac{\alpha}{1} = \frac{\gamma \alpha}{\gamma}$$