

Number pyramids

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$$\begin{aligned} a+b &= d \\ b+c &= e \\ d+e &= f \end{aligned}$$

Calculate "a", "b" and "c" from "f"

F is divided between 2 each floor that has the pyramid.

Example: $f = 32$



$$\frac{32}{(4-2)} = 4$$



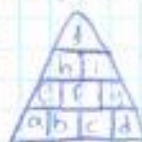
Calculate "f" from "a", "b" and "c"



$$f = a + 2b + c$$

Each floor that the pyramid has more, the central letters are multiplying by one more.

Example:



$$\begin{aligned} a &= 2 \\ b &= 3 \\ c &= 4 \\ d &= 6 \end{aligned}$$

$$\begin{aligned} f &= a + 3b + 3c + d \rightarrow \\ f &= 2 + 9 + 12 + 6 \rightarrow \\ f &= 29 \end{aligned}$$

If you want to get the largest number in "f" with certain numbers, simply put the largest number in the center.



4, 5, 6



With five floors.



$$\bar{n} = a + 4b + 6c + 4d + e$$

Example

$$\bar{n} = 1 + 4 \cdot 3 + 6 \cdot 5 + 4 \cdot 2 + 4 = \bar{n} = 55$$

