

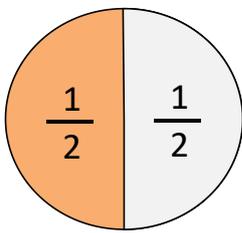
Q 計算しなさい。

$$1 - \frac{1}{2} - \frac{1}{4} - \frac{1}{8} - \frac{1}{16} - \frac{1}{32} - \frac{1}{64} - \frac{1}{128}$$

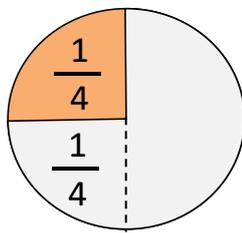
A $\frac{1}{128}$

$$1 - \frac{1}{2} - \frac{1}{4} - \frac{1}{8} - \frac{1}{16} - \frac{1}{32} - \frac{1}{64} - \frac{1}{128}$$

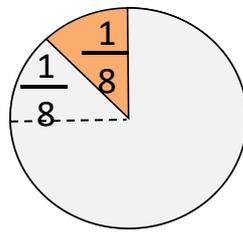
この式にならんでいる数は、みな前の数の半分です。
大きなピザから半分ずつ、取りのぞいていくと...



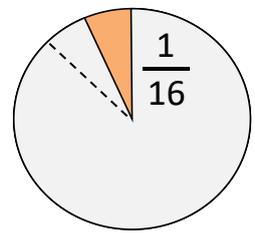
$$1 - \frac{1}{2}$$



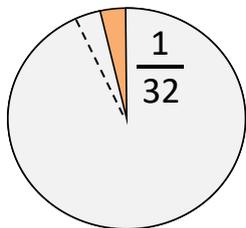
$$- \frac{1}{4}$$



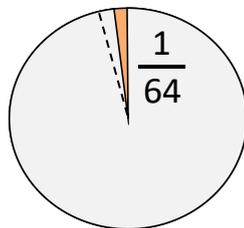
$$- \frac{1}{8}$$



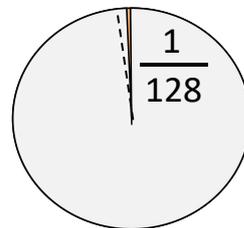
$$- \frac{1}{16}$$



$$- \frac{1}{32}$$



$$- \frac{1}{64}$$



$$- \frac{1}{128}$$

式を図形に置き換えて考えました。