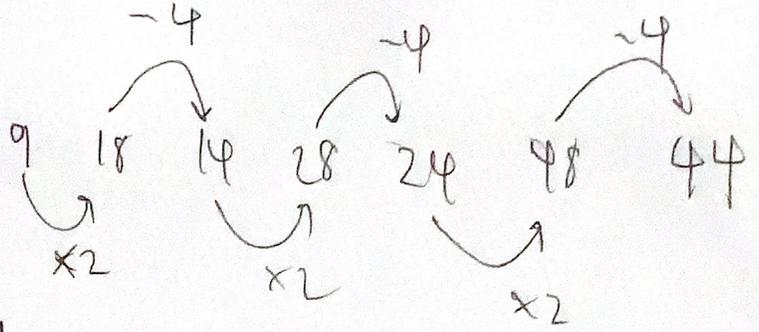


⑦

$$\begin{aligned} 1) \frac{1}{2}(30)(12) &= 180 \\ 2) 60(12) &= 720 \\ 3) \frac{1}{2}(30)(12) &= 180 \end{aligned}$$

} 1080

$$\frac{1080}{120} = 9$$



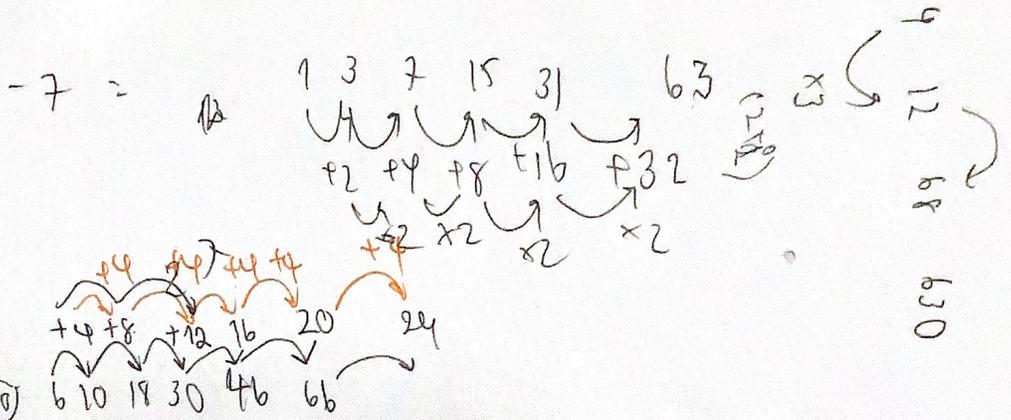
$$n = \frac{T}{4.5 \times 10^{-9}}$$

⑧

$$N_{\text{total}} = \frac{N_{\text{initial}}}{2^n}$$

$$640 = \frac{5}{2^n}$$

$$2^n = \frac{1}{28}$$

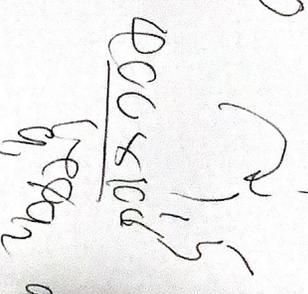
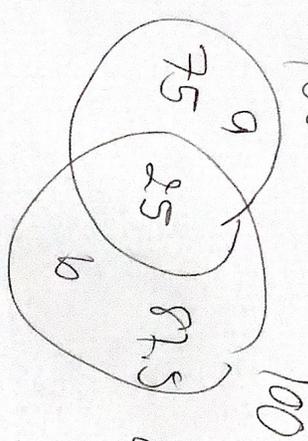


120 S M L
mm

A 50 12
B 100
C 27 → 100

120 S M L
mm

$$1.60 \times 1.60 = 2.56$$



69 100 76
104 52
50 75

116
87

$$N = \frac{8}{3+1}$$

$$-5N \quad \textcircled{4}$$

$$\begin{aligned} (21) &= 120 \times \frac{1}{4} = 30 \\ (29) &= 2 + 9 + 18 + 16 + 20 + 6 + 4 + 128 + 256 \\ &= 414 \end{aligned}$$

$$\frac{140}{100} \times = \frac{140}{100} \times$$

$$0 = \frac{140 - 85}{100}$$

$$0 = \frac{140 - 85}{100}$$