

Brain Bogglers

29) It struck:

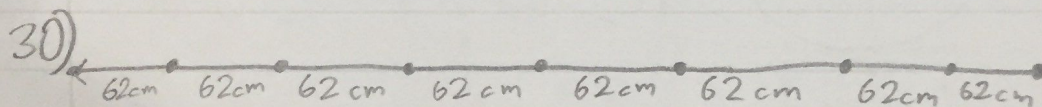
- just now
- 1 hour ago
- 2 hours ago

$$21 \div 3 = 7$$

$$7 + 1 = 8$$

$$7 - 1 = 6$$

\therefore it just struck 8 o'clock



Pins	Intervals
2	1
3	2
4	3
\vdots	\vdots
14	13

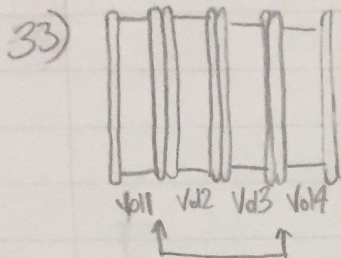
$$13 \times 62 = 806 \text{ cm}$$

31)

Previous #	New #
193	1
194	2
195	3
\vdots	
274	$274 - (193 - 1) = 82$

32) As shown in q30, intervals = objects - 1.

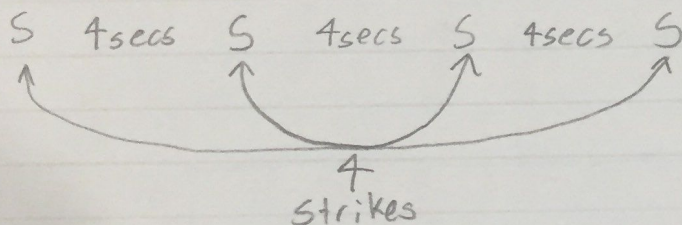
$$2.5(27 - 1) = 65 \text{ m}$$



$$4(0.5 + 0.5 + 5) = 24$$

$$24 - 0.5 - 5 - 0.5 - 5 = 13 \text{ cm}$$

34) Strike 4:



Strike 12:

$$4(12 - 1) = 44 \text{ seconds}$$

35) $\frac{\text{Real Time}}{\text{Watch time}} \Rightarrow \frac{120}{123} : \frac{720}{X}$

$$X = 123 \times 720 \div 120 = 738$$

$$738 \div 60 = 12 \text{ R } 18$$

$$8 \text{ am} + 12 \text{ hrs} + 18 \text{ mins} = 8:18 \text{ pm}$$

36) ~~$356 \div (6+1) = 50 \frac{6}{7}$~~
 ~~$50 \frac{6}{7} + \frac{1}{7} = 51 \text{ cars}$~~

$$(356+1) \div (6+1) = 51 \text{ cars}$$

37) $36 \div 8 = 4.5 \text{ letters/cm}$

$$4.5 \times 12 \times 35 = 1890 \text{ letters}$$

38) $20 + 29 \times 51 = 1499$

$$1499 = \text{MCDXCIX}$$