

3)

$$C_1 V_1 = C_2 V_2$$

$$5(V_1) = 0.5(1000)$$

$$V_1 = 0.1 \times 1000$$

$$V_1 = 100$$

$$A) \text{ 2.2 mg sugar} = \frac{2.2 \text{ mg sugar}}{2 \text{ mL blood}} \times \frac{10^3 \text{ mL b}}{1 \text{ L b}} \times \frac{10^{-1} \text{ L blood}}{1 \text{ dL}} \cdot 1.1 \times 10^2 = 110 \text{ mg/dL}$$

$$\text{dL} = 10^{-1} \text{ L}$$

$$B) \text{ 3.1 mg sugar} = \frac{3.1 \text{ mg sugar}}{4 \text{ mL blood}} \times \frac{10^3 \text{ mL b}}{1 \text{ L b}} \times \frac{1 \text{ L b}}{10 \text{ dL}} = 7.75 \times 10^2 = 775 \text{ mg/dL}$$

$$\begin{array}{r}
 7.75 \\
 4 \overline{) 31} \\
 \underline{28} \\
 30 \\
 \underline{28} \\
 20
 \end{array}$$

$$C) \text{ 1.60 mg} = (1.60 \text{ mg}) \times \frac{25 \text{ kg}}{1 \text{ mg}} = 25 \times 1.6 \times 10 = 71$$

$$\begin{array}{r}
 6 \\
 16 \\
 \underline{16} \times \\
 124 \\
 \underline{16} \\
 284 \\
 71 \_ \\
 8 \\
 \underline{\quad} \\
 53
 \end{array}$$

$$\begin{array}{r}
 4) 2 \\
 284 \\
 \underline{25} \times \\
 17 \_ \\
 17 \_ \\
 \underline{20} \\
 568 \\
 \underline{\quad} \\
 7100
 \end{array}$$

$$\textcircled{6} \text{ mL ၈၇၅} = 5 \text{ kg} \times \frac{7 \text{ mg ၈၇၅}}{1 \text{ Kg}} \times \frac{1 \text{ mL ၈၇၅}}{2 \text{ mg ၈၇၅}}$$

$$= 2.5 \times 7 = 17.5 \text{ mL ၈၇၅}$$

$$\begin{array}{r} 3 \\ 25 \\ \underline{7} \times \\ \hline 17.5 \end{array}$$

$\textcircled{7}$  မျှ

$$\textcircled{၇} \text{ A BMI} = \frac{80 \text{ kg}}{(1.90 \text{ m})^2} = \frac{80}{1.9 \times 1.9} = 22.2 \text{ မျှ}$$

$$\text{B} = \frac{99 \text{ kg}}{1.8^2 \text{ m}^2} = \frac{99}{1.8 \times 1.8} = 30.5 \text{ မျှ}$$

$$\text{C} = \frac{78 \text{ kg}}{(1.69)^2 \text{ m}^2} = \frac{78}{1.69 \times 1.69} = 27.3 \text{ မျှ}$$

$$\textcircled{10} \quad \% = \left( \frac{4 \text{ g ของสาร}}{350 \text{ mL นม}} \times \frac{1 \text{ mL นม}}{0.975 \text{ g นม}} \right) \times 100\%$$

$$= 1.2 \%$$

$$\textcircled{11} \quad V_{av} = \frac{S_{all}}{t_{all}} = \frac{\frac{1}{2} (120 + 60) \times 6}{120} = \frac{6(180)}{120} = 9$$

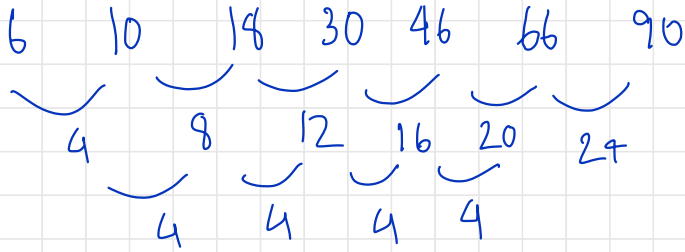
$$\textcircled{12} \quad 640 \rightarrow 320 \rightarrow 160 \rightarrow 80 \rightarrow 40 \rightarrow 20 \rightarrow 10 \rightarrow 5$$

7 ครั้ง  $\frac{1}{2}$  ปริมาณ

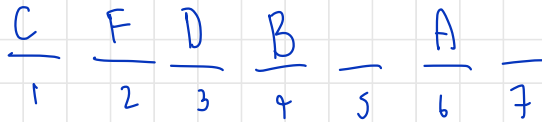
$$เวลา = 4.5 \times 10^9 \times 7 = 31.5 \times 10^9 \text{ ปี}$$

ลูกไก่	๒ = ไข่	๒ = ไข่	
ขนนกขาว	๒ = ไข่	๒ = ไข่	
ไข่ขาว	๒ = ไข่	๒ = ไข่	
สี = ไข่	๒ = ไข่	๒ = ไข่	๒ = ไข่
ไข่ขาว	๒ = ไข่	๒ = ไข่	

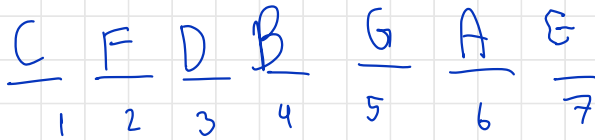
(14)



(16)



(17)



(19)

SUN	M	TU	W	TH	F	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22 //
23	24	25	26	27	28	

20

	พ้า	พ้า	บพ
การบง	คัก	บง	การ
	<del>คัก</del>	การ	บง

ล	บง	*	*
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การ	การ	*
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5 7 4 8 3 9

พ้า MR x 1.375

การ MR x 1.2  
ล MR x 1.55

พ้า  $\frac{22 \text{ คัก}}{20 \text{ sec}} \times \frac{60 \text{ sec}}{\text{min}} = 66$

การ  $= \frac{99 \text{ คัก}}{25 \text{ sec}} \times \frac{4}{60} \frac{\text{sec}}{\text{min}} = 76$

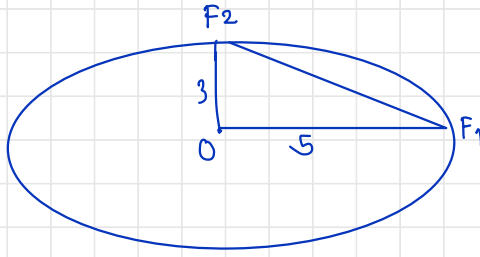
ล  $= \frac{26 \text{ คัก}}{30 \text{ sec}} \times \frac{60 \text{ sec}}{1 \text{ min}} = 52$

การ  $= \frac{17 \text{ คัก}}{12 \text{ sec}} \times \frac{60 \text{ sec}}{1 \text{ min}} = 85$

①

$$r_1 = 3$$

$$r_2 = 5$$



②

$$X^{\log_5 X^2} = 5^2 X^{-3}$$

④

$$1 - x < -\frac{3}{7}$$

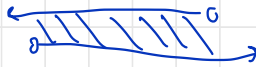
$$\wedge -\frac{3}{7} < 7 - x$$

$$1 + \frac{3}{7} < x$$

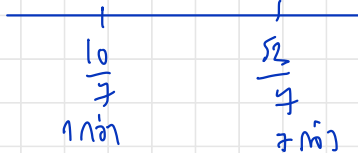
$$x < 7 + \frac{3}{7}$$

$$\frac{10}{7} < x$$

$$x < \frac{52}{7}$$

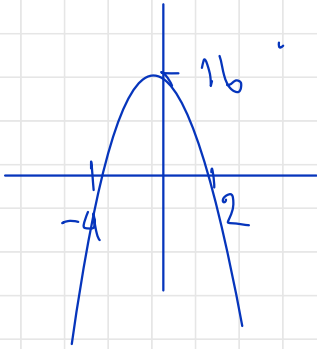


$$7 \sqrt{\frac{52}{49}}$$



$$x = \{2, 3, 4, 5, 6\}$$

6



8

$$r = 2$$

$$S_n = \frac{a_n}{1-r}$$

$$510 = \frac{a_n}{1-2}$$

12

$$S = 21 \times 20$$

$$n! \cdot n! = 8 \times 7$$

$$\therefore P(E) = \frac{n(E)}{n(S)}$$

$$= \frac{\cancel{8} \times \cancel{7}^2}{\cancel{21} \times \cancel{20}} = \frac{2}{15}$$

3 5

420

$$(13) P(E) = \frac{n(E)}{n(S)} = \frac{11+5}{99} = \frac{16}{99}$$

$$n(S) = 06 \ 16 \ 26 \ \dots \ 96 = 11 \text{ ตัว} \\ 60 \ 62 \ 64 \ 66 \ 68 = 5$$

(16)

1) จำนวนหนึ่ง 2

25 2

$$\bar{x} = \frac{2(5) + 7}{7} = \frac{17}{7}$$

2) 7

25 7

$$\bar{x} = \frac{21 + 17 + 11}{7} = 7$$

$$\begin{array}{r} 324 \\ 27 \\ \hline 99 \end{array}$$



17

$$a \times b = 600$$

$$= 10 \times 60 \quad \times$$

$$= 20 \times 30 \quad \times$$

$$= 15 \times 40$$

,

$$600 = 2 \times 3 \times 2 \times 5 \times 2 \times 5$$

18

$$1020 \times \frac{60}{100} =$$

$$1840 \times \frac{60}{100}$$