

$$11^1 = 11$$

$$11^2 = 121$$

$$11^3 = 1,331$$

$$1210 = 11^2 \times 10$$

$$\frac{11^{10}}{11^2 \times 10} = \frac{11^{10}}{10} = 11^8$$

month 1

$$a_3 - a_1 = 3 \quad \text{--- ①}$$

$$a_3 = 3 + a_1$$

$$a_1 + a_2 = 10 \quad \text{--- ②}$$

$$a_2 = 10 - a_1$$

$$\text{①} + \text{②}; a_2 + a_3 = 13$$

$$x = \text{ans. } y = \text{wn. } z = \text{โลโก้}$$

$$6(x+y+z) = 1 \quad | \quad 24(x) = 1$$

$$x+y+z = \frac{1}{6} \quad | \quad x = \frac{1}{24}$$

$$\frac{1}{24} + y + z = \frac{1}{6}$$

$$y+z = \frac{3}{24} = \frac{1}{8}$$

$$1 = 4(x+y+z) + a(y+z)$$

$$1 = 4\left(\frac{1}{6}\right) + a\left(\frac{1}{8}\right)$$

$$1 = \frac{4}{6} + \frac{a}{8}$$

$$\times 24; 24 = 16 + 3a$$

$$3a = 8$$

$$a = \frac{8}{3} = 2.6 \approx 3$$

$$2 + 4 + 8 + 16 + 32 + 64 + 128 + 256 = 510$$

$$256 = 2^8$$

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

$$\times 7; 7 - 7x < -3 < 49 - 7x$$

$$7 - 7x < -3 \text{ หรือ } -3 < 49 - 7x$$

$$-7x < -10 \quad -52 < -7x$$

$$x > \frac{10}{7} \quad x > \frac{52}{7}$$

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

$$x$$

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

$$63a + 14b + c = 486$$

$$7(9a + 2b) + c = 486$$

$$69 \quad \downarrow 3$$

$$9(7) + 2(3)$$

800 คน 40%

$$\text{ราคาหน่วย} = \frac{800 \times 140}{100}$$

$$= 1,120 \text{ บาท}$$

ลด 50% คน 40%

$$x - \frac{50}{100}x = 1,120$$

$$x - \frac{1}{2}x = 1,120$$

$$\frac{1}{2}x = 1,120$$

$$x = 2,240 \text{ บาท}$$

$$a \times b = \text{u.s.n} \times \text{a.s.n}$$

$$= 50 \times 600$$

$$= 30,000$$

$$= 300 \times 100$$

$$a, b = \text{เลข 3 หลัก}$$

$$\therefore a + b = 400$$

มีเลขโดด 6

เลขท้าย 6 $\rightarrow 16, 26, \dots, 96$

มีเลข 66 = 8 ตัว

มีเลข 6 เลขคู่ $\rightarrow 62, 63, 64, 68$

= 4 ตัว

มีเลข 66 = 1 ตัว

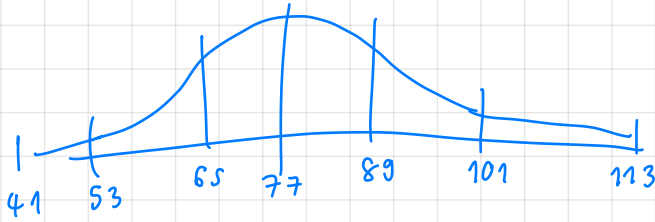
$8 + 4 + 1 = 13$ ตัว

All = 21 คน

$$\binom{21}{1} \binom{20}{1} = \frac{21!}{1!20!} \times \frac{20!}{1!19!} = \frac{21 \times 20 \times 19!}{19!} = 420$$

$$\text{เลือก 2 คน} \binom{8}{1} \binom{7}{1} = \frac{8!}{1!7!} \times \frac{7!}{1!6!} = \frac{8 \times 7 \times 6!}{6!} = 56$$

$$\text{ความน่าจะเป็น} = \frac{56}{420} = \frac{2}{15}$$



$$\frac{95}{100} \times 50,000$$

A ¹	H ⁸	F ⁶
E ⁵	G ¹⁵	J ¹⁰
O ⁷	I	L ⁹

6, 10, 18, 30, 46, 66, ...
 ↓ ↓ ↓ ↓ ↓ ↓
 2(3) 2(5) 2(9) 2(15) 2(23) 2(33)

+2 +4 +8 +16 +32
 1, 3, 7, 15, 31, ... 63
 5 10 20 40
 9, 18, 14, 28, 24, 48, ...

4, 12, 68, 630, ...
 2² 2² 3

$$25 \text{ kg/m}^2 \rightarrow 23 \text{ kg/m}^2$$

$$25 = \frac{X}{(1.6)^2} \xrightarrow{\text{מכ } 8 \text{ kg}} X - 8 = 64 - 8 = 56 \text{ kg}$$

$$X = 64$$

5 7 4 8 3 0 2
 E, 6, D, H, C, ... I

10, 14, 19, 27, 44, ...
 7×2 9×3 11×4

L M S
 ג'מ"ג ג'מ ג'מ
 מונים S L, S
 מספר L O L, S
 קוטר M O

$$A = \frac{80}{(1.8)^2} = 22.2 \text{ V/m}^2$$

$$B = \frac{99}{(1.8)^2} = 30.56 \text{ ס"מ}$$

$$C = \frac{78}{(1.69)^2} = 27.3 \text{ ל"מ}$$

אחידות מנ"ל = 4g

$$\text{מנ"ל } d = \frac{m}{V}$$

$$0.975 = \frac{m}{350}$$

$$m = 341.25 \text{ g}$$

$$\% \text{ אחידות} = \frac{4}{341.25} \times 100 = 1.17$$