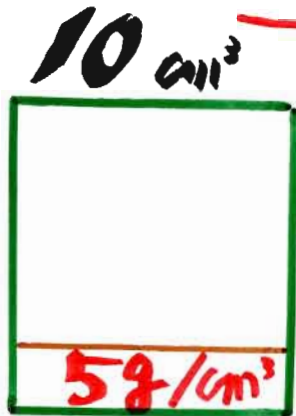


B1 | 65%

密度 = 重量 / 体积 = g/cm<sup>3</sup>



$5 \times 10 = 50$

体积 =

物 =  $50 + 160 = 210$  g

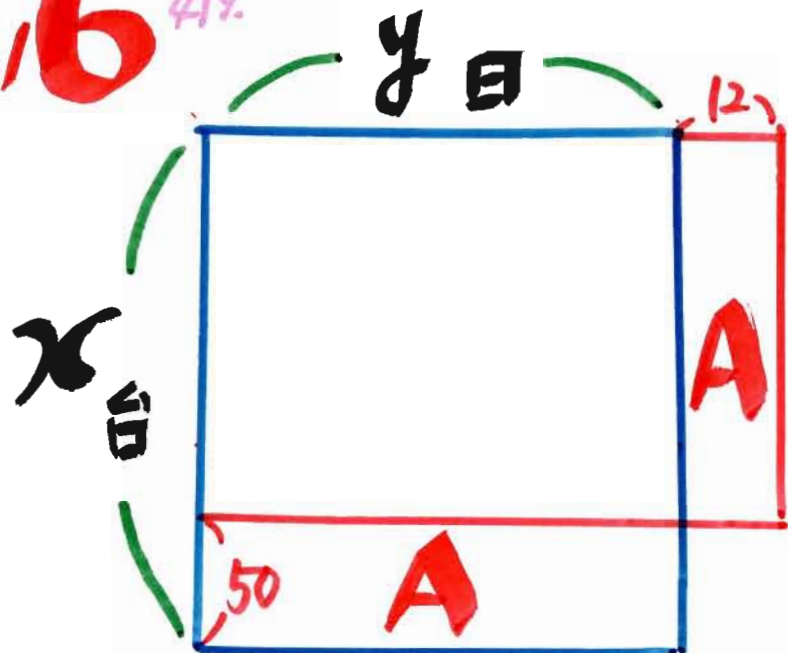
$10 + 20 = 30$  cm<sup>3</sup>



$8 \times 20 = 160$

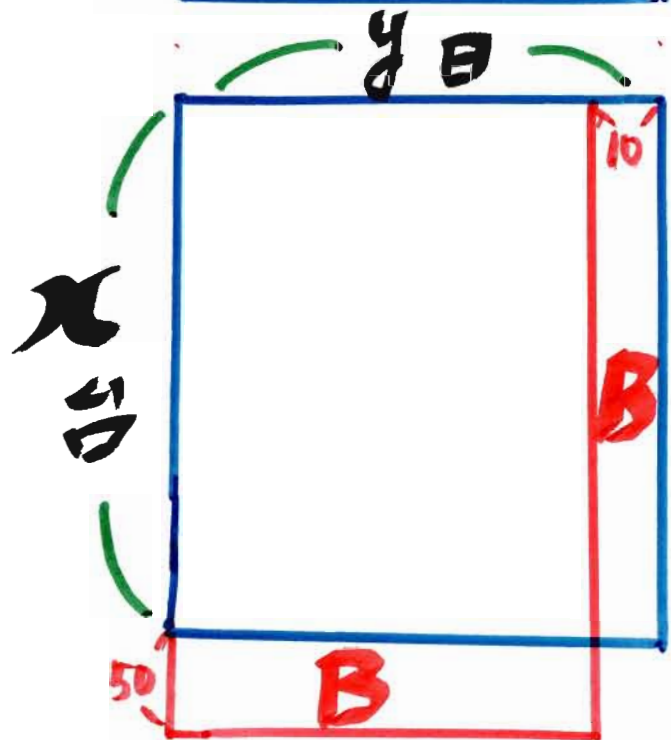
密度 = (g/cm<sup>3</sup>) =  $210 / 30 = 7$

B/6 41%



$$50 \times y = 12 \times (x - 50)$$

$$50y = 12x - 600 \dots \textcircled{1}$$



$$50 \times (y - 10) = 10 \times x$$

$$50y = 10x + 500 \dots \textcircled{2}$$

$$\textcircled{1} - \textcircled{2} \quad 0 = 2x - 1100$$

$$x = 550$$

B18 55%

4枚以上の不足  $\Rightarrow$  0, 1, 2枚が1人

全色紙  $= 4x + 19 = 6(x-1) + [0, 1, 2]$

$x$ 人

$$4x + 19 = 6x - 6 + [0, 1, 2]$$

$$2x = 25 - [0, 1, 2]$$

左辺: 偶数  $\therefore$  右辺 24

$$x = 12$$



B110 60%

# 平均 = 合計 ÷ 科目数

英	数	理	社	平均	
○	○			90	
	○	○		88	△2
○		○		86	△4

264

$$\text{社} = 264 - 184 = 80$$

$$\text{理} = 3\text{科目計} - (\text{英数}) = 264 - 180$$

$$\text{社} + \text{理} = 80 + 84 \Rightarrow \boxed{82}$$