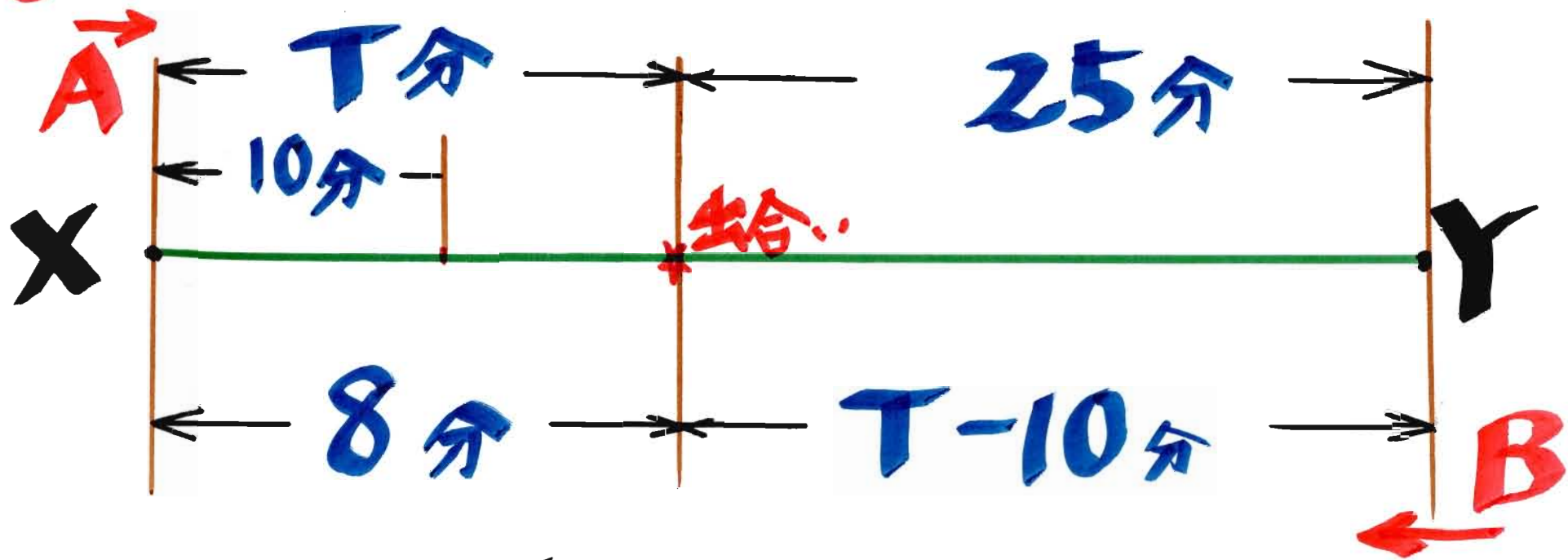


S5 6 73%

ハ×ジ=キ



$$\frac{T}{8} = \frac{25}{T-10} \Rightarrow T^2 - 10T - 200 = 0$$

$$(T-20)(T+10) = 0$$

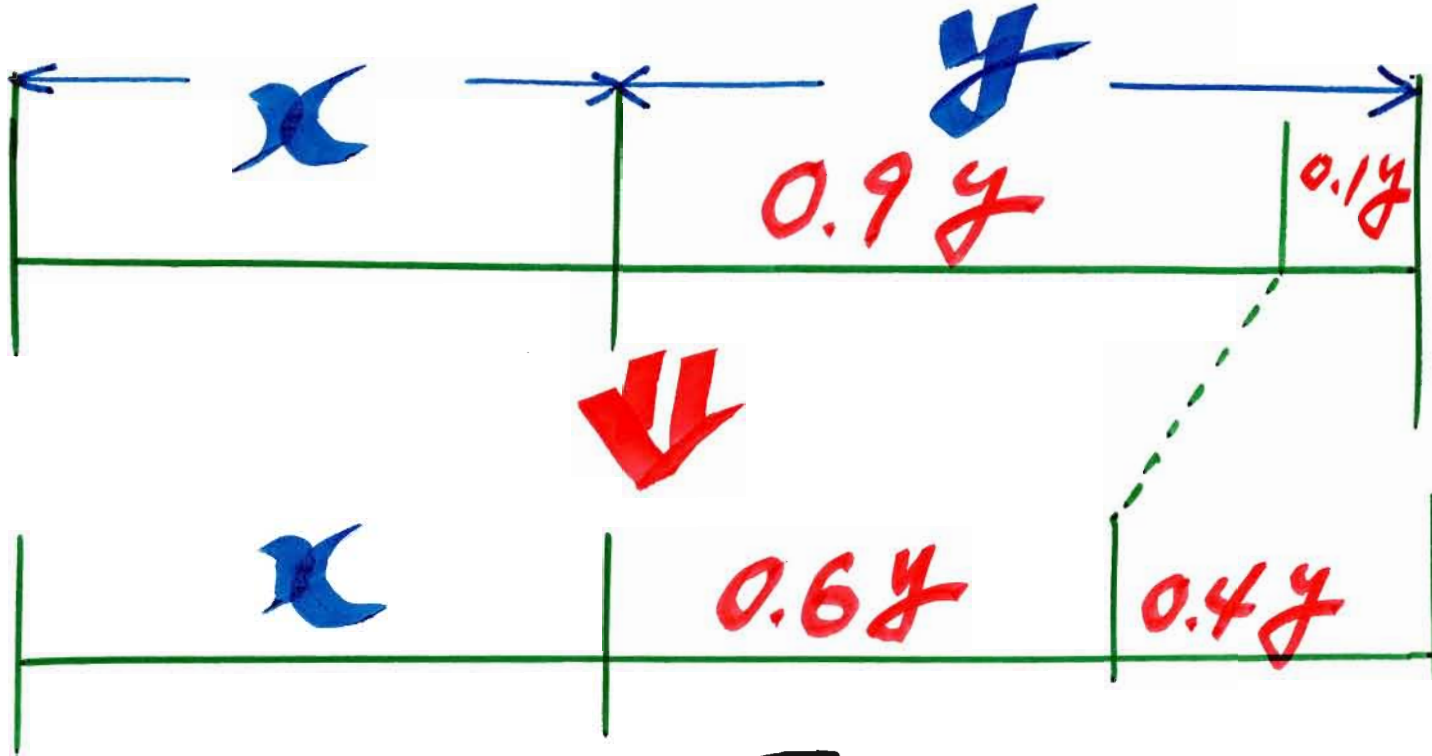
$$\therefore \underline{\underline{T = 20}}$$

* Aの速さをa, Bの速さをbとして

$$\frac{aT}{8b} = \frac{25a}{(T-10)b} \text{ 上のa,bが消去}$$

S5 7 79%

x:可燃 y:不燃



$$x + 0.6y = \frac{7}{8}(x + 0.9y) \Rightarrow x = 1.5y$$

$$\frac{x}{x+y} = \frac{1}{2.5} \Rightarrow 0.4 \dots 4割$$

55 8 76%

原価A円, 定価1.5A円

1割引x個

数	← 120 →		
	60	x	60-x
	1.5A	0.9×1.5A	0.5×1.5A
売上	90A	1.35Ax	0.75A(60-x) 45A - 0.75Ax
	①	②	③

全売上 = ① + ② + ③ = 120A × 1.15 = 138A

<計算> $90 + 1.35x + 45 - 0.75x = 138 \rightarrow 0.6x = 3 \rightarrow \underline{\underline{x=5}}$