$$= \frac{L}{\alpha + R(b-\alpha)}$$

Average speed =
$$\frac{a+b}{2} = \frac{3+7}{2} = 5$$

But the simulation is giving around 18 seconds, solet me try something different.

Warnak ..

$$= \frac{\ln(b/a) \times L}{b-a}$$

$$= \frac{0.847 \times 84}{4}$$

$$= 17.787 \text{ seconde}$$

The above great is doser to the simulation

answer.

(C)