

Pg 22 #9 Problem solving

9. ① How long will it take for the train to go 40074

② Use proportion, then convert min to days

$$\textcircled{3} \quad \frac{6 \text{ min}}{30 \text{ K}} = \frac{x \text{ min}}{40074 \text{ K}} = 8014.8 \text{ min}$$

$$8014.8 \text{ min} \stackrel{\div 60}{=} 133.58 \text{ hr} \stackrel{\div 24}{=} 5.57 \text{ days}$$

④ Seems okay

⑤ Yuki was right