

Question

The Christian's typing rate is $v_1 = \frac{212 \text{ words}}{5 \text{ minutes}} = 42.4 \text{ word per minute.}$

The Jan's typing rate is $v_2 = \frac{243 \text{ words}}{6 \text{ minutes}} = 40.5 \text{ word per minute.}$

As we see from the above, the Christian's typing rate is better. And it's better on:

$$\frac{v_1 - v_2}{v_2} \cdot 100\% = \frac{42.4 - 40.5}{40.5} \cdot 100\% = 4.7\% .$$

Answer: the Christian's typing rate is better on 4.7%.