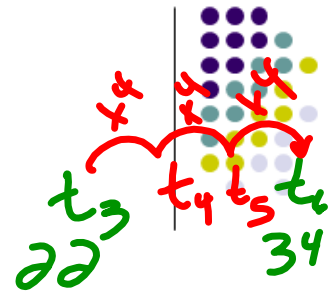


Find the n th given the other two terms.

$$t_3 = 22 \quad \text{and} \quad t_6 = 34$$



$$34 - 22 = \frac{12}{3}$$

$$t_n = t_1 + (n-1)(4)$$

$$t_3 = t_1 + (3-1)(4)$$

$$22 = t_1 + 8$$

$$14 = t_1$$

$$t_n = 14 + (n-1)(4)$$

$$t_n = 14 + 4n - 4$$

$$\boxed{t_n = 4n + 10}$$