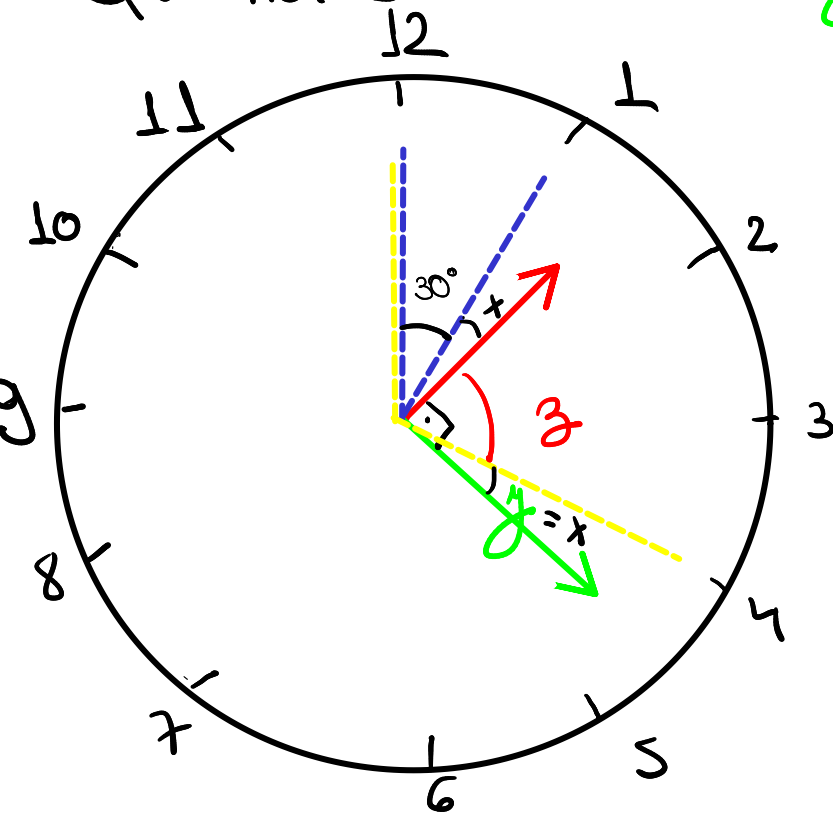


Que horas são?



$$y + z = 90^\circ$$

$$30 + x + z = 120^\circ$$

$$x + z = 90$$

~~$$y + z = x + z$$~~

$$x = y$$

~~$$6^\circ \times 1 \text{ min}$$~~
~~$$120 + x \quad b$$~~

$$b = 20 + \frac{x}{6} \text{ min}$$

~~$$30^\circ \times 1 \text{ h}$$~~
~~$$30 + x \quad a$$~~

$$a = 1 + \frac{x}{30} \text{ h}$$

$$(a-1)60 = b$$

$$\frac{x}{30} \cdot 60 = 20 + \frac{x}{6}$$

$$2x = 20 + \frac{x}{6}$$

$$12x = 120 + x$$

$$11x = 120$$

$$x = \frac{120}{11}$$

$$b = 20 + \frac{x}{6} \text{ min}$$

Substituindo...

$$b = 20 + \frac{120}{11 \cdot 6}$$

$$b = 20 + 1,81$$

$$b = 21 \text{ min} + 0,81 \text{ min}$$

$$b = 21 \text{ min} 0,81 \cdot 60 \text{ seg}$$

$$b = 21 \text{ min } 48,6 \text{ seg}$$

Horário:

1 hora 21 minutos 48,6 segundos