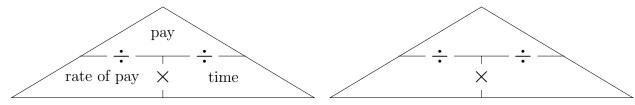


Calculate the time a car takes for a journey where

 $\begin{array}{l} {\rm distance} = 150 \ {\rm miles} \\ {\rm average \ speed} = 50 \ {\rm mph} \end{array}$ 

..... hours



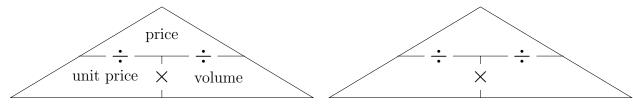
Calculate the M.P. Marco Longhi's rate of pay for his extra job

$$pay = £8000$$

$$time = 200 hours$$

 $source:\ https://publications.parliament.uk/pa/cm/cmregmem/210920/210920.pdf$ 

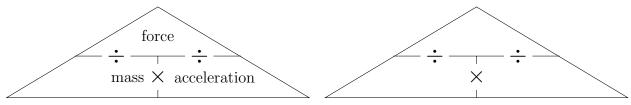
 $\pounds$  ..... per hour



Calculate the volume of olive oil in a bottle when

$$\begin{aligned} &\text{price} = \pounds 5\\ &\text{unit price} = \pounds 10 \text{ per litre} \end{aligned}$$

..... litre



Calculate the acceleration of a horse when

$$\begin{aligned} & \text{force} = 250 \text{ N} \\ & \text{mass} = 500 \text{ kg} \end{aligned}$$

 $\dots \dots m/s^2$ 

## Answers

- 1. 3 hours
- 2. £40 per hour
- 3. 0.5 litre
- 4.  $0.5 \text{ m/s}^2$