1. Here are two proportional formula triangles


Calculate the time a car takes for a journey where
distance $=150$ miles
average speed $=50 \mathrm{mph}$
hours
2. Here are two proportional formula triangles


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
$£ . . .$. . per hour
3. Here are two proportional formula triangles


Calculate the volume of olive oil in a bottle when
price $=£ 5$
unit price $=£ 10$ per litre
litre
4. Here are two proportional formula triangles


Calculate the acceleration of a horse when

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

$\mathrm{m} / \mathrm{s}^{2}$

Answers

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