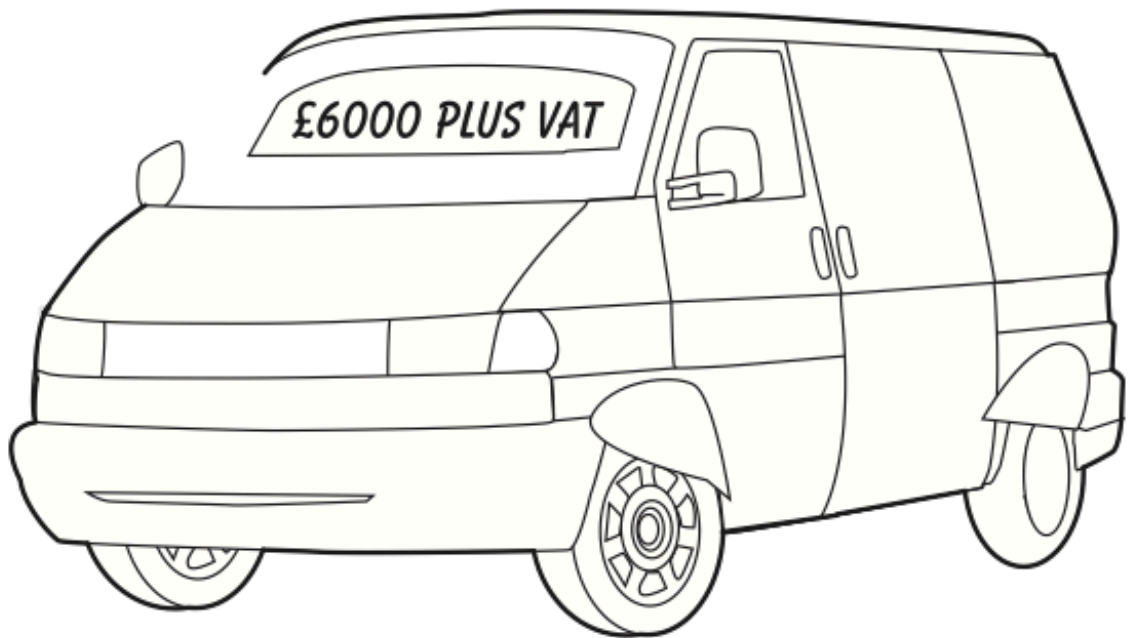


Number - Percentages Non-Calculator

Lizzie bought a van.

The total cost of the van was £6000 **plus** VAT at $17\frac{1}{2}\%$.



Lizzie paid £3000 when she got the van.

She paid the rest of the total cost of the van in 10 equal monthly payments.

Work out the amount of each monthly payment.

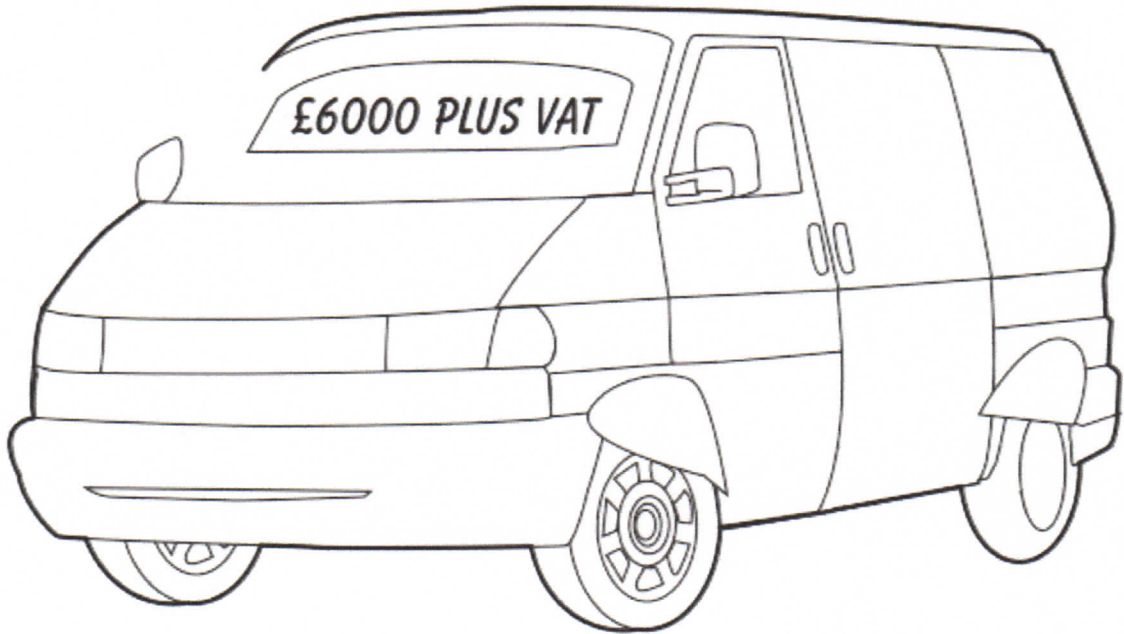
£

(Total 6 marks)

Number - Percentages Non-Calculator

Lizzie bought a van.

The total cost of the van was £6000 plus VAT at $17\frac{1}{2}\%$.



Lizzie paid £3000 when she got the van.

She paid the rest of the total cost of the van in 10 equal monthly payments.

Work out the amount of each monthly payment.

Calculate $17\frac{1}{2}\%$ VAT

10%	£600
5%	£300
<u>$2\frac{1}{2}\%$</u>	<u>£150</u>
$17\frac{1}{2}\%$	£1050

$$\begin{aligned} \text{Total Cost} &= \pounds 6000 + \pounds 1050 \\ &= \pounds 7050 \end{aligned}$$

$$\begin{aligned} \text{less Deposit} & \pounds 3000 - \\ & \underline{\pounds 4050} \end{aligned}$$

$$\begin{aligned} & 10 \text{ monthly payments of} \\ & \pounds 4050 \div 10 = \pounds 405 \end{aligned}$$

£.....405.....

(Total 6 marks)