A coat costing $t 48$ has its price increased by $15 \%$. What is the new cost?

$$
t 48 \times 1.15=t 55.20
$$

A cont in a sale is offered for $\not 48$ after having $20 \%$ taken off. How much was it originally?

$$
\begin{aligned}
& \text { original } \times 0.8=t 48 \\
& \text { original }=\frac{48}{0.8}=260
\end{aligned}
$$

VAT is a fax on sales of $20 \%$
$A$ car costs $\neq 23000$ including VAT
What is the price excluding VAT.

$$
\begin{aligned}
& 23000=120 \% \text { of organ } \\
& 23000 \div 1.2=t 19166.67
\end{aligned}
$$

11. A workforce is reduced by $5 \%$ to 437 . What was the previous size of the workforce?
12. Including $20 \%$ VAT a television costs $\mathbf{4 2 0}$. What is the ex-vat price?
13. 442 soldiers completed their training course. If $15 \%$ dropped out, how many began the course?
14. A coat is priced at $\neq 42$ in a sale with $25 \%$ off. What was the price of the cont before the sale?
15. After a $15 \%$ price rise a cycle cost 4184 . What was the price before the price rise?
16. Decrease $£ 33$ by $23 \%$

$$
100 \%-23 \%=77 \%
$$

Find $77 \%$ of $\& 33$

$$
\neq 33 \times 0.77=\neq 25.41
$$

11. Work force reduced by 510 to 437

Original $\times 0.95=437$
so $437 \div 0.95=$ original

$$
437 \div 0.95=460
$$

Original workforce $=460$
12. Ex-Vat price $+20 \%=\$ 420$
$E \times-$ Vat price $\times 1.20= \pm 420$
so $t_{420} \div 1.20=E_{x}$-va trice
$\neq 420 \div 120=z 350$
$E_{x}-$ Vat price $=\$ 350$
13. Original $-15 \%=442$

Original $\times 0.85=442$
so $442 \div 0.85=$ original

$$
442 \div 0.85=520
$$

520 soldiers started course
14. Original $-25 \%=142$

Original $\times 0.75=t 42$
so $t 42 \div 0.75=$ originn 1

$$
z 42 \div 0.75=456
$$

Coat was originally $\leqslant 56$
15. Original $+15 \%=\& 184$
$\Delta$ original $\times 1.15=Z 184$
so $\leqslant 184 \div 1.15= \pm 160$
Cycle was originally $t 160$
H

