



Calculate

25% of £396



$$£396 \div 4 = £99$$

= £99

What is 14% of 200?



$$10\% \text{ of } 200 = 20$$

$$1\% \text{ of } 200 = 2$$

$$4\% \text{ of } 200 = 8$$

$$14\% \text{ of } 200 = 28$$

= 28

Reduce £340 by 15%



$$10\% \text{ of } £340 = £34$$

$$5\% \text{ of } £340 = £17$$

$$15\% \text{ of } £340 = £51$$

$$£340 - £51 = £289$$

= £289

In a school. 540 out of 1050 children are male.  
The rest are female.



What percentage of the children are female?

$$1050 - 540 = 510$$

$$\frac{510}{1050} \times 100 = 48.57142\%$$

= 49%

In a local election. The votes were as follows:



Purple party candidate: 12,324 votes

Pink party candidate: 6,324 votes

Orange party candidate: 4,412 votes.

What percentage of the votes did the Purple party  
receive?

Give your answer to the nearest whole number.

$$12324 + 6324 + 4412 = 23060$$

$$\frac{12324}{23060} \times 100 = 53.44319167\%$$

= 53%

A laptop was priced at £850 including VAT.



What was the price before 20% VAT was added?

$$\text{Increase by } 20\% = \text{find } 120\%$$

$$\text{Before VAT} \times 1.2 = £850$$

$$£850 \div 1.2 = £708.33$$

= £708.33

Increase £345 by 31.5%



$$= 345 \times 1.315 = 453.675$$

= £453.68

A population of Rabbits  
increased from 3,320 to 4,814.



Find the percentage increase.

$$4814 - 3320 = 1494$$

$$\frac{1494}{3320} \times 100 = 45$$

= 45%

Justine's business made  
£87,400 in 2022. This is 15%  
more than she made in  
2021. How much did she  
make in 2021?



$$\text{Increase by } 15\% = \text{find } 115\%$$

$$\text{Find } 115\% = \times \frac{115}{100} = \times 1.15$$

$$2021 \text{ Income} \times 1.15 = £87,400$$

$$2021 \text{ Income} = \frac{£87,400}{1.15}$$

= £76,000