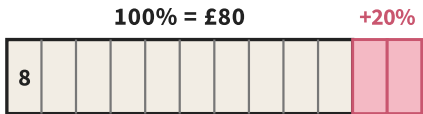


Percentage Increase and Decrease

Increase £80 by 20%.

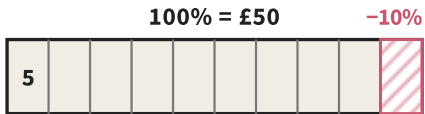


$$10\% = 80 \div 10 = 8$$

$$20\% = \boxed{} \times 2 = \boxed{}$$

120% = **+** **=**

Decrease £50 by 10%.

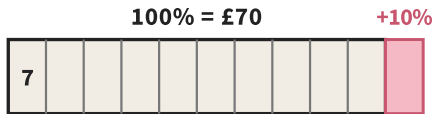


$$10\% = 50 \div 10 = 5$$

10% = **×** **=**

90% = **-** **=**

Increase £70 by 10%.

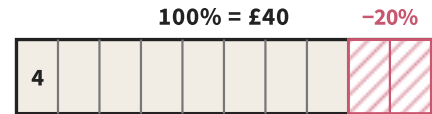


$$10\% = 70 \div 10 = 7$$

10% = **×** **=**

110% = + =

Decrease £40 by 20%.

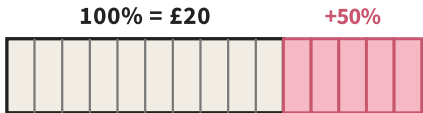


$$10\% = 40 \div 10 = 4$$

20% = **×** **=**

80% = - =

Increase £20 by 50%.

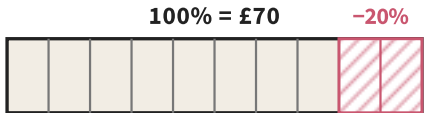


10% = **÷ 10 =**

50% = **×** **=**

150% = + =

Decrease £70 by 20%.

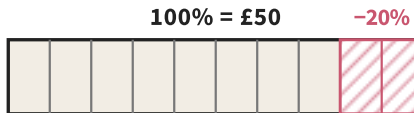


10% = **÷ 10 =**

20% = **×** **=**

80% = - =

A coat costs £50. In a sale, the price goes down by 20%. What is the sale price?

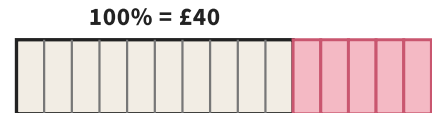


10% = **÷ 10 =**

20% = **×** **=**

80% = - =

£40 goes up. The bar shows the increase. What is the new amount?



10% = **÷ 10 =**

$$\boxed{} \% = \boxed{} \times \boxed{} = \boxed{}$$

$\% = \quad + \quad =$

Percentage Increase and Decrease *further practice*

Increase £60 by 20%.

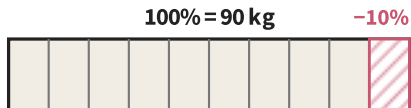


10% = **÷ 10 =**

20% = **×** **=**

120% = + =

Decrease 90 kg by 10%.



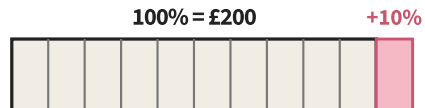
$$10\% = \boxed{} \div 10 = \boxed{}$$

10% = **x** **=**

90% = - =



Increase £200 by 10%.



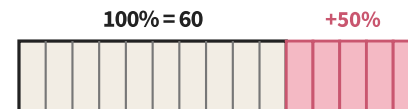
$$10\% = \boxed{} \div 10 = \boxed{}$$

$$10\% = \boxed{} \times \boxed{} = \boxed{}$$

110% = + =



A club has 60 members.
The number of members goes up
by 50%. How many are there now?

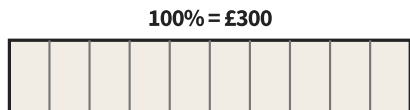


$$10\% = \boxed{} \div 10 = \boxed{}$$

50% = **×** **=**

150% = + =

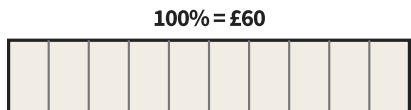
A TV costs £300. In a sale, the price goes down by 20%. What is the sale price?



Answer

Age Group	Number of People
18-24	10
25-34	20
35-44	30
45-54	40

A bag costs £60. Shop A takes 10% off. Shop B takes £5 off. Which shop is cheaper?



Answer

Country	Number of people aged 65 and over in 2010 (millions)
China	150
India	100
United States	50
United Kingdom	20

A price goes up from £50 to £60.
What is the percentage increase?



Answer

Month	Percentage
March	20%
April	25%
May	35%

Ali increases £30 by 20%.
He writes $30 + 20 = 50$.
What has he done wrong?



Ali should

Right answer