Percentage Decrease with a Multiplier

1

Decrease £30 by 20%.

100% = £30



−20%

100%	−	20%	=	80%
80	÷	100	=	
	×		=	

2

Decrease £80 by 10%.

100% = £80



−10%

100%	−	10%	=	90%
	÷	100	=	
	×		=	

3

Decrease £40 by 35%.

100% = £40



−35%

100%	−	35%	=	65%
	÷	100	=	
	×		=	

4

Decrease £60 by 5%.

100% = £60



−5%

100%	−	5%	=	95%
	÷	100	=	
	×		=	

5

Decrease £70 by 30%.

100% = £70



−30%

100%	−		=	
	÷	100	=	
	×		=	

6

Decrease £140 by 15%.

100% = £140



−15%

100%	−		=	
	÷	100	=	
	×		=	

7

A car park has 80 cars.
The number of cars goes down by 45%. How many cars are there now?

100% = 80 cars



−45%

100%	−		=	
	÷	100	=	
	×		=	

8

£50 is multiplied by 0.6. What is the percentage decrease? What is the new amount?

100% = £50

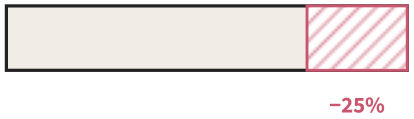


100%	−		=	
	÷	100	=	0.6
	×	0.6	=	

Percentage Decrease with a Multiplier *further practice*

9

Decrease £120 by 25%.



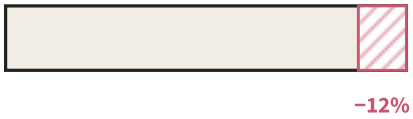
100% − ☐ = ☐

☐ ÷ 100 = ☐

☐ × ☐ = ☐

10

Decrease 50 kg by 12%.



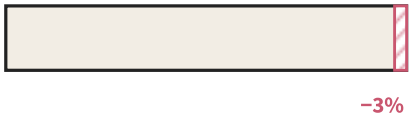
100% − ☐ = ☐

☐ ÷ 100 = ☐

☐ × ☐ = ☐

11

Decrease £200 by 3%.



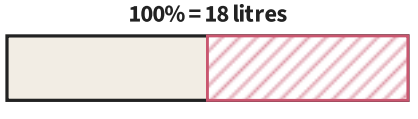
100% − ☐ = ☐

☐ ÷ 100 = ☐

☐ × ☐ = ☐

12

A bucket holds 18 litres of water.
The amount goes down by 50%.
How much water is left?



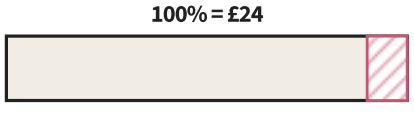
100% − ☐ = ☐

☐ ÷ 100 = ☐

☐ × ☐ = ☐

13

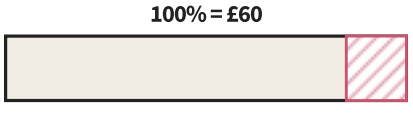
A book costs £24. In a sale, the price goes down by 10%.
What is the sale price?
The calculator shows 21.6.



Sale price _____

14

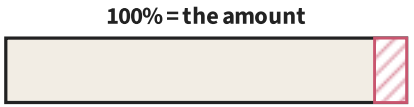
Two coats cost £60 each.
Coat A goes down by 15%.
Coat B goes down by £8.
Which coat is cheaper now?



Answer _____

15

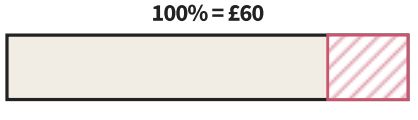
An amount is multiplied by 0.92.
What is the percentage decrease?



Answer _____

16

Kai decreases £60 by 20%.
He writes 60 × 0.2 = 12.
What has he done wrong?



Kai should _____

Right answer _____