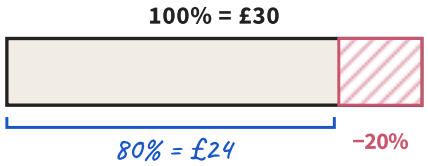
Percentage Decrease with a Multiplier

ANSWERS

1

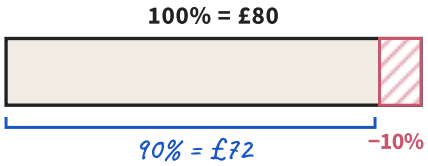
Decrease £30 by 20%.



100%	−	20%	=	80%
80	÷	100	=	0.8
30	×	0.8	=	24

2

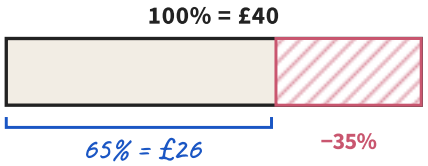
Decrease £80 by 10%.



100%	−	10%	=	90%
90	÷	100	=	0.9
80	×	0.9	=	72

3

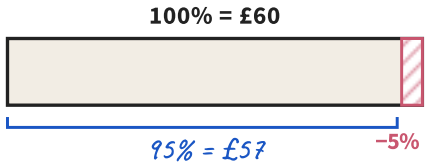
Decrease £40 by 35%.



100%	−	35%	=	65%
65	÷	100	=	0.65
40	×	0.65	=	26

4

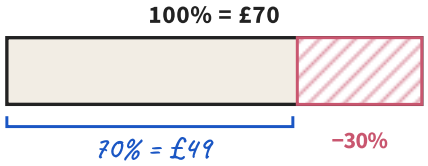
Decrease £60 by 5%.



100%	−	5%	=	95%
95	÷	100	=	0.95
60	×	0.95	=	57

5

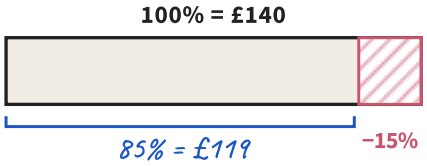
Decrease £70 by 30%.



100%	−	30%	=	70%
70	÷	100	=	0.7
70	×	0.7	=	49

6

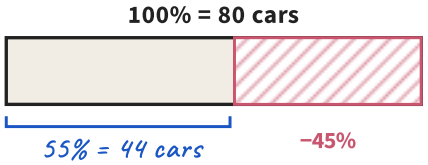
Decrease £140 by 15%.



100%	−	15%	=	85%
85	÷	100	=	0.85
140	×	0.85	=	119

7

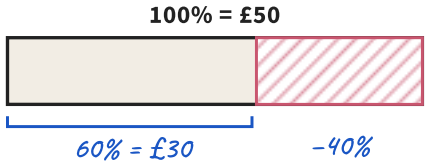
A car park has 80 cars.
The number of cars goes down by 45%. How many cars are there now?



100%	−	45%	=	55%
55	÷	100	=	0.55
80	×	0.55	=	44

8

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



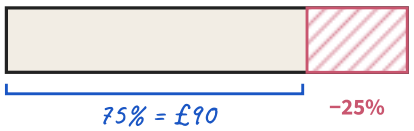
100%	−	40%	=	60%
60	÷	100	=	0.6
50	×	0.6	=	30

Percentage Decrease with a Multiplier *further practice*

ANSWERS

9

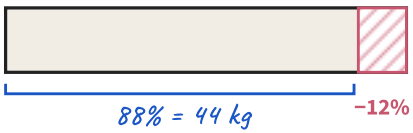
Decrease £120 by 25%.



100%	−	25%	=	75%
75	÷	100	=	0.75
120	×	0.75	=	90

10

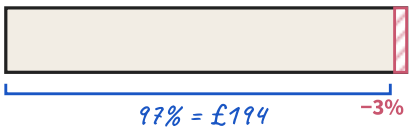
Decrease 50 kg by 12%.



100%	−	12%	=	88%
88	÷	100	=	0.88
50	×	0.88	=	44

11

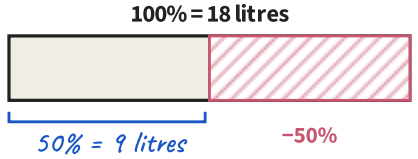
Decrease £200 by 3%.



100%	−	3%	=	97%
97	÷	100	=	0.97
200	×	0.97	=	194

12

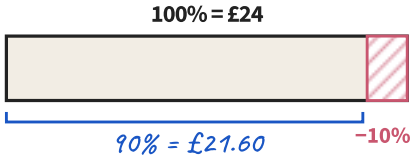
A bucket holds 18 litres of water.
The amount goes down by 50%.
How much water is left?



100%	−	50%	=	50%
50	÷	100	=	0.5
18	×	0.5	=	9

13

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



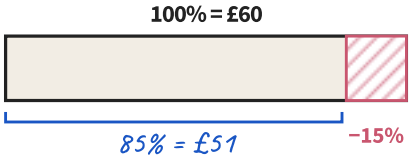
90 ÷ 100 = 0.9

24 × 0.9 = 21.6

Sale price £21.60

14

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



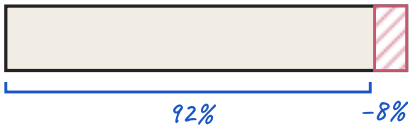
A: 60 × 0.85 = £51

B: 60 − 8 = £52

Answer Coat A

15

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



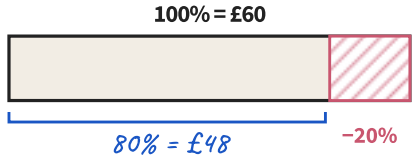
0.92 × 100 = 92%

100% − 92% = 8%

Answer 8%

16

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



Kai should use 0.8, not 0.2

Right answer 60 × 0.8 = £48