

Reverse Percentage Worksheet

1. After a 20% increase, the price of a jacket is £72. What was the original price?
2. A shop is offering 15% off on all trainers. If the sale price of a pair of trainers is £59.50, what was the original price before the discount?
3. The value of a car decreased by 30% over a year and is now worth £7,000. What was its value a year ago?
4. A mobile phone is now £408 after a 20% reduction. What was the original price?
5. After a 25% increase, a bicycle now costs £250. What was its price before the increase?
6. A laptop is on sale for £612 after a 15% discount. What was its original price?
7. A television's value dropped by 40% and is now £300. What was its value before the drop?
8. After a 10% increase, a concert ticket costs £33. What was the original price?
9. A coat is sold for £68 after a 15% reduction. What was its price before the reduction?
10. The population of a town increased by 8% to 21,600 people. What was the population before the increase?
11. After a 12% increase, a pair of shoes costs £56. What was the price before the increase?
12. A washing machine is now £425 after a 15% reduction. What was its original price?
13. The value of a painting dropped by 20% and is now £1,200. What was its value before the drop?
14. After a 30% increase, a gym membership costs £130. What was the original price?
15. A sofa is on sale for £510 after a 15% discount. What was its price before the sale?
16. A restaurant bill is £85 after a 15% service charge is added. What was the original bill before the service charge?
17. A car's value is now £6,400 after a 20% decrease. What was its value before depreciation?
18. After a 25% increase, the price of a concert ticket is £75. What was its original price?
19. A computer is on sale for £425 after a 15% discount. What was its original price?
20. The population of a city increased by 10% to 55,000. What was the population before the increase?
21. After a 35% increase, the cost of a holiday is £1,215. What was the original price?
22. A television is sold for £340 after a 15% reduction. What was its price before the reduction?

Answer Key

1. £60
2. £70
3. £10,000
4. £510
5. £200
6. £720
7. £500
8. £30
9. £80
10. 20,000
11. £50
12. £500
13. £1,500
14. £100
15. £600
16. £73.91
17. £8,000
18. £60
19. £500
20. 50,000
21. £900
22. £400