Percentage Increase, Decrease and Reverse Percentages

Year 7 · Number · y7-percent-of-amount

Name: ______________________ Date: ______________________

Class: ______________________ Score: _____ / _____

Instructions
Answer every question in Practice. Try the Challenge section once Practice is complete. 10 questions in total.

Practice

1. Increase 80 by 15%.

2. Decrease 150 by 20%.

3. After a 10% pay rise, a salary is £33,000. What was the original salary?

4. A jacket's sale price is £68 after a 15% reduction. What was the original price?

5. A house valued at £240,000 rises by 8% in a year. What is the new value?

6. A price of £45 is reduced by 12%, then reduced by a further 5% of the new price. What is the final price?

7. Which is correct for increasing 60 by 25%: 60 + 15 = 75 or 60 - 15 = 45? Type the correct answer only.

8. To find the original amount before a 20% increase to £96, divide £96 by 1.2, not by 0.8. What was the original amount?

Challenge

1. A phone costs £300. It is reduced by 10%, then that price is reduced by a further 10%. What is the final price?

2. After a 20% increase followed by a 20% decrease, a value that started at £500 is NOT back to £500. What is the final value?