

Percentages! Overview – www.m4ths.com Steve B!

- 1) Write the multiplier to find 18% of a number
- (2) Write down the multiplier to increase a quantity by 23%
- (3) Fred invests £800 in an account paying 5% per year simple interest. Find the value of his investment after 6 years.
- (4) A boat costs £300 new and is sold for £240 a few years later. Find the % decrease in its value.
- (5) John's wages increase by 84% to £1803.20. Find his original wages
- (6) Jim invests £900 in a bank account paying 6% COMPOUND interest for 4 years. Find the value of his investment after 4 years.
- (7) Shane invests £500 in a bank paying 2% interest for the first year and 10% COMPOUND for all other years AFTER that. Find the value of his investment after 5 years.
- (8) A hat was bought for £125 and sold for £130. Find the percentage increase in its value.
- (9) Write down the multiplier used to increase a quantity by 65%
- (10) Julie invests £200 in a savings account paying 8% simple interest a year. Find the value of her investment after 7 years.
- (11) A boat decreases in value by 30% given that its original value was £700. Find the new value of the boat.
- (12) Write down the multiplier used to increase a value by 4.5%
- (13) A ticket decreases by 16% to £520.80. Find the original price.
- (14) Pete scores 73 out of 113 in a test. What % did he score?
- (15) A hat increases in value from £140 to £168. Find the % increase in its value.
- (16) The value of a house falls from \$400'000 to \$120'000 overnight. Find the % decrease in its value.
- (17) Jaiden invests £600 in a bank paying simple interest at 4% a year. Kiesha invests £550 in a bank paying compound interest of 6%. Who has the most money after 4 years and by how much?
- (18) A car falls in price by 20% and then falls in price again by a further 5%. Find the value of a car that started at £32000.
- (19) The cost a bike decreases by 64% to £352.80. Find the original price.
- (20) Julie scores 30 in her first test and 42 in her next test. Find the % increase in her score.
- (21) Fred invests £800 in a bank paying 7% simple interest. Find the value of his investment after 5 years
- (22) Write 60 as a % of 12
- (23) A hat increases in value from £40 to £48. Find the % increase in its value.
- (24) A jacket increases in price by 36% to £340. Find the original price.
- (25) 12% of a number is 36. Find 8% of the number.
- (26) John and Fred share some money in the ratio $\frac{5}{8} : \frac{3}{8}$. By what % was John's share greater than Fred's?
- (27) Write 47 as a percentage of 108.
- (28) Increase 40 by 500%
- (29) Find the % increase from 20 to 21.
- (30) What % of $2b$ is $3b$?