



- 1) Simplify $\sqrt{98}$

- 2) A car bought for £23,500 depreciates in value by 7.5% per annum. Write a formula for the value of the car V , after t years

- 3) Use the formula $s = \frac{1}{2}(u + v)t$ to find how long it took to travel 45m if the initial velocity was 8m/s and the final velocity was 10m/s

- 4) Evaluate $9^{\frac{5}{2}}$ (i.e 9 to the power of $\frac{5}{2}$)

- 5) A block has a volume of 4 m^3 and a mass of 32kg. Calculate the density.