HAA1.3

1) Simplify $\sqrt{112}$

2) £5000 is invested with an interest rate of 2.3% per annum. Write a formula for the value of the investment V, after t years

3) Use the formula $s = \frac{1}{2}(u + v)t$ to find the final velocity when the initial velocity was 12m/s, and it took 3 seconds to travel 48m

4) Evaluate $16^{\frac{3}{2}}$ (i.e 16 to the power of $\frac{3}{2}$)

5) A block has a volume of 10cm³ and a density of 75g/cm³. Calculate the mass.