|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Number Revision** | | | | **5** |
| **(a)** | **(b)** | **(c)** | **(d)** | |
| Evaluate:  (a)  (b)  (c) | (a) Find the highest common factor (HCF) of and  (b) Find the lowest common multiple (LCM) of and | Calculate  giving your answer in standard form | Use an algebraic method to show that | |
| **(e)** | **(f)** | **(g)** | **(h)** | |
| Rationalise the denominator of  giving your answer in the form | correct to the nearest integer, correct to 1 significant figure and correct to 1 decimal place.  Find the upper and lower bounds of | Write  as a single power of | Una invested at a compound interest rate of . After 7 years, her investment is worth . Find the value of . | |