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| **Number Revision**  | **3** |
| **(a)** | **(b)** | **(c)** | **(d)** |
| Write the ratio $5 : 4$ as a ratio in the form $1 : n$ | Show that $\frac{11}{12}-\frac{2}{3}=\frac{1}{4}$ | Increase $\$265$ by $27\%$ | Mario, Luigi and Bowser share $£1200$ in the ratio$ 2 : 5 : 1$. Find the difference between the amount Luigi receives and the amount Mario receives. |
| **(e)** | **(f)** | **(g)** |
| Write $600$ as a product of powers of its prime factors. | Convert $0.00463$ to standard form | A TV is in a $15\%$ off sale. If the normal price of the TV is $£285$, what is its sale price? |
| **(h)** | **(i)** | **(j)** | **(k)** |
| The temperature in Oslo is $-14°C$ . It increases by $9°C$. What is the new temperature? | Write $3.48×10^{7}$ as an ordinary number. | Roy invests $\$5000 $at a compound interest rate of $3.5\%$ per annum. How much will the investment be worth after $4$ years? | Show that $2\frac{7}{12}+1\frac{5}{8}=4\frac{5}{24}$ |
| **(l)** | **(m)** |
| Write $5^{6}×5^{8}$ as a single power of $5$ | $$£1=1.25 euros$$Convert $400$ euros into pounds. |