Number Revision			**4**
(a)	**(b)**	**(c)**	**(d)**
Write down the upper bound of $35\ cm$ correct to the nearest cm

$35.5\ cm$ | Calculate
$3.6 \times 10^5 - 8.9 \times 10^4$ giving your answer in standard form

2.71×10^5 | Show that $3\frac{2}{5} \div 1\frac{3}{4} = 1\frac{33}{35}$

$$\frac{17}{5} \div \frac{7}{4}$$
$$= \frac{17}{5} \times \frac{4}{7}$$
$$= \frac{68}{35}$$
$$= 1\frac{33}{35}$$ | Find the lowest common multiple (LCM) of 48 and 150

1200 |
| **(e)** | **(f)** | | |
| By rounding to 1 significant figure, estimate the value of $\dfrac{7.85 \times 4.201}{0.51}$

64 | Write $\sqrt{75}$ in the form $a\sqrt{3}$, showing all your working.

$\sqrt{25} \times \sqrt{3}$
$= 5\sqrt{3}$ | | |
| **(g)** | **(h)** | **(i)** | **(j)** |
| Write down the lower bound of $860\ g$ correct to 2 significant figures

$855\ g$ | Write $(10^4)^6$ as a single power of 10

10^{24} | A population of 450 birds decreases by 4% each year. How many birds are there after 7 years?

338 | Between January 2021 and January 2022 house prices increased by 9%. In January 2022, a house was worth £274680. What was it worth in January 2021?

£252000 |
| **(k)** | **(l)** | | |
| Write down the reciprocal of 25

$\dfrac{1}{25}$ | Rationalise the denominator of $\dfrac{10}{\sqrt{2}}$

$5\sqrt{2}$ | | |