What do you remember?

1 Write these numbers using **digits** :-

  a one hundred and four   **b** two thousand, six hundred and one

  c one million, two hundred thousand   **d** four million and forty

  e two million, three hundred and ten thousand, six hundred and fifty nine.

2 Write these numbers in **words** :-

  a 3402   **b** 18 006   **c** 132 500   **d** 2 675 020.

3 What does the **7** stand for in the number :-

  a 25 764   **b** 10 070   **c** 0·872   **d** 5·7921

  e 0·0072   **f** 137 890   **g** 675 321   **h** 67 543 000 ?

4 Write the number that comes :-

  a just before 5470   **b** just after 870 999   **c** just before 900 000

  d 10 before 705   **e** 100 before 8000   **f** 200 before 20 100

5 Re-write these numbers in order. Start with the **smallest** :-
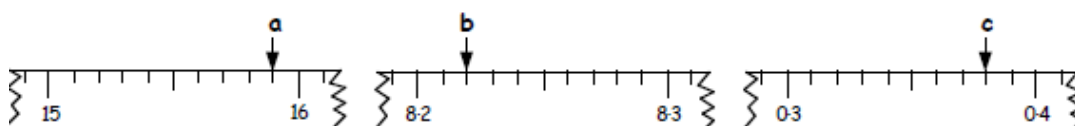
     11 175, 9456, 8532, 9999, 12 376, 111 111.

6 Re-write these numbers in order. Start with the **largest** :-

     1·05, 0·95, 1·009, 0·099, 0·0905, 0·899.

7 To what numbers do the arrows point ?

8 What number lies **halfway** between :-

  a 1200 and 1300   **b** 0·6 and 0·7

  c 86 000 and 90 000   **d** one million and five hundred thousand ?

9 Calculate :-

  a $\frac{3}{8}$ of £328   **b** $\frac{5}{6}$ of 96p   **c** $\frac{9}{10}$ of 2010 g   **d** $\frac{11}{100}$ of 1100 ml.

10 Find :-

  a 30% of £1·20   **b** 5% of 820 kg   **c** $33\frac{1}{3}$% of 27p   **d** $66\frac{2}{3}$% of £42.

What do you remember?

1 a) 104   b) 2601   c) 1 200 000

  d) 4 000 040   e) 2 310 659

2 a) Three thousand, four hundred and two

  b) eighteen thousand and six

  c) one hundred and thirty two thousand, five hundred

  d) two million, six hundred and seventy five thousand and twenty.

3 a) 700   b) 70   c) $\frac{7}{100}$ d) $\frac{7}{10}$

  e) $\frac{7}{1000}$ f) 7000   g) 70000   h) 7 000 000

4 a) 5469   b) 871000   c) 899999

  d) 695   e) 7900   f) 19900

5   8532, 9456, 9999, 11175, 12376, 111 111

6   0.0905, 0.099, 0.899, 0.95, 1.009, 1.05

7 a) 15.9   b) 8.22   c) 0.38

8 a) 1250   b) 0.65   c) 88000   d) 750 000

9 a) $8)\overline{3\,3_32\,8}$ = 041 $\begin{array}{r}41\\\times3\\\hline123\end{array}$

  b) $6)\overline{9\,3_36}$ = 16 $\begin{array}{r}16\\\times5\\\hline80\end{array}$

c) $2010 \div 10 = 201$

$$\begin{array}{r} 201 \\ \times 9 \\ \hline \underline{1809} \end{array}$$

d) $1100 \div 100 = 11$ $11 \times 11 = \underline{121}$

10a) 10% of £1.20
$= £1.20 \div 10$
$= £0.12$

30% of £1.20
$= £0.12 \times 3$
$= \underline{£0.36}$

b) 10% of 820 kg
$= 820 kg \div 10$
$= 82 kg$

5% of 820 kg
$= 82 \div 2$
$= \underline{41 kg}$

c) $33\frac{1}{3}$% of 27p
$= \frac{1}{3}$ of 27p
$= 27p \div 3$
$= \underline{9p}$

d) $66\frac{2}{3}$% of £42
$= \frac{2}{3}$ of £42
$= 42 \div 3 \times 2$
$= \underline{£28}$