

Mrs W's Maths 15 **ANSWERS**

Dividing 3-digit numbers by 1-digit numbers-revision. Part 2

1 Using the **bus stop method** - with and without remainders

$$\begin{array}{r} 132 \\ 3 \overline{) 396} \end{array}$$

$$\begin{array}{r} 201 \text{ r } 1 \\ 4 \overline{) 805} \end{array}$$

Try $\begin{array}{r} 341 \\ 2 \overline{) 682} \end{array}$



If I had 6 oranges
in one hand and 7 apples
in the other, what
would I have?



Big hands!

2 Use the bus stop method to find the answer to these division calculations

a) $\begin{array}{r} 242 \\ 2 \overline{) 484} \end{array}$

b) $\begin{array}{r} 220 \\ 4 \overline{) 880} \end{array}$

c) $\begin{array}{r} 102 \\ 3 \overline{) 306} \end{array}$

d) $\begin{array}{r} 101 \\ 5 \overline{) 505} \end{array}$

3 Now these with remainders

a) $\begin{array}{r} 342 \text{ r } 1 \\ 2 \overline{) 685} \end{array}$

b) $\begin{array}{r} 232 \text{ r } 2 \\ 3 \overline{) 698} \end{array}$

Remember remainders are
never larger than the number
you are dividing by.

c) $\begin{array}{r} 220 \text{ r } 3 \\ 4 \overline{) 883} \end{array}$

d) $\begin{array}{r} 101 \text{ r } 4 \\ 5 \overline{) 509} \end{array}$

4 Now these where you need to exchange... Look carefully at the examples as a **reminder**

$$\begin{array}{r} 121 \\ 6 \overline{) \cancel{7}^1 26} \end{array}$$

carry the spare '1' over
to make how many 6s in '12'

$$\begin{array}{r} 117 \\ 5 \overline{) 5\cancel{8}^3 5} \end{array}$$

carry the spare '3' over
to make how many 5s in '35'

$$\begin{array}{r} 121 \text{ r } 2 \\ 7 \overline{) \cancel{8}^1 49} \end{array}$$

this one also has a
remainder at the end

a) $\begin{array}{r} 121 \\ 8 \overline{) \cancel{9}^1 68} \end{array}$

b) $\begin{array}{r} 131 \\ 7 \overline{) \cancel{9}^2 17} \end{array}$

c) $\begin{array}{r} 117 \\ 5 \overline{) 5\cancel{8}^3 5} \end{array}$

d) $\begin{array}{r} 113 \\ 6 \overline{) 6\cancel{7}^1 8} \end{array}$

e) $\begin{array}{r} 141 \text{ r } 1 \\ 6 \overline{) \cancel{8}^2 47} \end{array}$

f) $\begin{array}{r} 146 \text{ r } 1 \\ 4 \overline{) \cancel{5}^1 \cancel{8}^2 5} \end{array}$