Dividing larger numbers

645 ÷ 13 can be written in two ways:

$49\frac{8}{13}$

$13\overline{)645}$

or

49 r 8

$13\overline{)645}$

Work out the answer to each problem. Use fraction remainders.

$43\overline{)377}$ $21\overline{)169}$ $17\overline{)158}$ $41\overline{)368}$

$50\overline{)197}$ $91\overline{)636}$ $12\overline{)325}$ $14\overline{)787}$

Work out the answer to each problem. Use unit remainders.

$52\overline{)947}$ $35\overline{)731}$ $57\overline{)878}$ $11\overline{)875}$

$70\overline{)495}$ $84\overline{)735}$ $44\overline{)387}$ $62\overline{)489}$

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Work out the answer to each problem. Use fraction remainders.

$8\frac{33}{43}$

$$\begin{array}{r} 8 \\ 43\overline{)377} \\ \underline{344} \\ 33 \end{array}$$

$8\frac{1}{21}$

$$\begin{array}{r} 8 \\ 21\overline{)169} \\ \underline{168} \\ 1 \end{array}$$

$9\frac{5}{17}$

$$\begin{array}{r} 9 \\ 17\overline{)158} \\ \underline{153} \\ 5 \end{array}$$

$8\frac{40}{41}$

$$\begin{array}{r} 8 \\ 41\overline{)368} \\ \underline{328} \\ 40 \end{array}$$

$3\frac{47}{50}$

$$\begin{array}{r} 3 \\ 50\overline{)197} \\ \underline{150} \\ 47 \end{array}$$

$6\frac{90}{91}$

$$\begin{array}{r} 6 \\ 91\overline{)636} \\ \underline{546} \\ 90 \end{array}$$

$27\frac{1}{12}$

$$\begin{array}{r} 27 \\ 12\overline{)325} \\ \underline{24} \\ 85 \\ \underline{84} \\ 1 \end{array}$$

$56\frac{3}{14}$

$$\begin{array}{r} 56 \\ 14\overline{)787} \\ \underline{70} \\ 87 \\ \underline{84} \\ 3 \end{array}$$

Work out the answer to each problem. Use unit remainders.

18 r 11

$$\begin{array}{r} 18 \\ 52\overline{)947} \\ \underline{52} \\ 427 \\ \underline{416} \\ 11 \end{array}$$

20 r 31

$$\begin{array}{r} 20 \\ 35\overline{)731} \\ \underline{70} \\ 31 \\ \underline{0} \\ 31 \end{array}$$

15 r 23

$$\begin{array}{r} 15 \\ 57\overline{)878} \\ \underline{57} \\ 308 \\ \underline{285} \\ 23 \end{array}$$

79 r 6

$$\begin{array}{r} 79 \\ 11\overline{)875} \\ \underline{77} \\ 105 \\ \underline{99} \\ 6 \end{array}$$

7 r 5

$$\begin{array}{r} 7 \\ 70\overline{)495} \\ \underline{490} \\ 5 \end{array}$$

8 r 63

$$\begin{array}{r} 8 \\ 84\overline{)735} \\ \underline{672} \\ 63 \end{array}$$

8 r 35

$$\begin{array}{r} 8 \\ 44\overline{)387} \\ \underline{352} \\ 35 \end{array}$$

7 r 55

$$\begin{array}{r} 7 \\ 62\overline{)489} \\ \underline{434} \\ 55 \end{array}$$

Children may have trouble deciding where to place digits in the quotient. Have them place the digit directly above the number being subtracted in that step.