



To try from Video
'How to do Long Division'

1
$$\begin{array}{r} 34 \overline{) 4219} \end{array}$$

2 *More for you to try*
(try each one with the
different methods you know)

a) $1264 \div 11$
$$\begin{array}{r} 11 \overline{) 1264} \end{array}$$

b) $3629 \div 25$

c) $8163 \div 36$

MORE CHALLENGING!

d) $14462 \div 13$

e) $42683 \div 36$

f) $6548 \div 32$



Solutions

2f

$$\begin{array}{r}
 0 \ 2 \ 0 \ 4 \ r \ 20 \\
 \hline
 32 \overline{) 6 \ 5 \ 4 \ 8} \\
 \underline{- 6 \ 4} \\
 1 \ 4 \ 8 \\
 \underline{- 1 \ 2 \ 8} \\
 2 \ 0
 \end{array}$$

32 won't go into 14
so you put 0 on the
top

$0 \times 32 = 0$
so no need to include
that in the calculation

Now go ahead and
bring down the 8

Carry on as before:
32 into 148

Jottings

$$\begin{aligned}
 32 \times 2 &= 64 \\
 32 \times 4 &= 128
 \end{aligned}$$

Can't take any
more lots of
32

$$\text{So } 4 \times 32$$

2

More for you to try
(try each one with the
different methods you know)

a) $1264 \div 11$
 $= 114 \text{ r } 10$

$$\begin{array}{r}
 0 \ 1 \ 1 \ 4 \\
 \hline
 11 \overline{) 1 \ 2 \ 6 \ 4} \\
 \underline{- 1 \ 1} \\
 1 \ 6 \\
 \underline{- 1 \ 1} \\
 5 \ 4 \\
 \underline{- 4 \ 4} \\
 1 \ 0
 \end{array}$$

b) $3629 \div 25$
 $= 145 \text{ r } 4$

c) $8163 \div 36$
 $= 226 \text{ r } 27$

MORE CHALLENGING!

d) $14462 \div 13$
 $= 1112 \text{ r } 6$

e) $42683 \div 36$
 $= 1185 \text{ r } 23$

f) $6548 \div 32$
 $= 204 \text{ r } 20$
Tips for this one