TARGET To develop a written method to divide TU by U.

Examples

$72 \div 4$
Repeated subtraction
(Chunking)

$$\begin{array}{r} 7\,2 \\ -\ 4\,0 \\ \hline 3\,2 \\ -\ 3\,2 \\ \hline 0 \end{array}$$
(10×4)
(8×4)

Answer *18*

$72 \div 4$
Short division

$$4\overline{)7^32}$$ 1 8

Step 1. $7 \div 4 = 1$ remainder 3
Step 2. $32 \div 4 = 8$
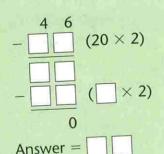
Answer *18*

A

Copy and complete.

1 $85 \div 5$

$$\begin{array}{r} 8\ \ 5 \\ -\ \square\,\square \\ \hline \square\,\square \\ -\ \square\,\square \\ \hline 0 \end{array}$$
(10×5)
$(\square \times 5)$

Answer $= \square\,\square$

2 $46 \div 2$

$$\begin{array}{r} 4\ \ 6 \\ -\ \square\,\square \\ \hline \square\,\square \\ -\ \square\,\square \\ \hline 0 \end{array}$$
(20×2)
$(\square \times 2)$

Answer $= \square\,\square$

Work out

3 $32 \div 2$ **9** $45 \div 3$

4 $55 \div 5$ **10** $56 \div 4$

5 $48 \div 4$ **11** $54 \div 2$

6 $33 \div 3$ **12** $39 \div 3$

7 $70 \div 5$ **13** $60 \div 5$

8 $78 \div 2$ **14** $64 \div 4$

B

Work out

1 $64 \div 2$ **9** $90 \div 5$

2 $75 \div 5$ **10** $60 \div 4$

3 $51 \div 3$ **11** $52 \div 2$

4 $90 \div 2$ **12** $84 \div 3$

5 $92 \div 4$ **13** $96 \div 2$

6 $65 \div 5$ **14** $68 \div 4$

7 $58 \div 2$ **15** $96 \div 3$

8 $99 \div 3$ **16** $72 \div 2$

17 Three friends equally share 42 sweets. How many do they have each?

18 Four children sit at each table. How many tables are needed for 52 children?

19 Seventy-four apples are shared equally between two barrels. How many apples are there in each barrel?

20 How many £5 notes make £95?

C

Work out

1 $129 \div 3$ **9** $135 \div 5$

2 $170 \div 5$ **10** $116 \div 2$

3 $108 \div 4$ **11** $108 \div 9$

4 $144 \div 2$ **12** $184 \div 4$

5 $120 \div 8$ **13** $117 \div 3$

6 $178 \div 2$ **14** $130 \div 2$

7 $128 \div 4$ **15** $84 \div 6$

8 $91 \div 7$ **16** $104 \div 8$

17 Ricky is half way through his book. It has 152 pages. How many pages has he read?

18 Each tray holds eight plants. How many trays are needed for 174 plants?

19 125 coins are shared equally between five bags. How many coins are there in each bag?