

Division By 5-Digit Numbers

Exercise - (7C)

Fill in the blanks:

① $75,423 \div 3$ Quotient 2537

Remainder 2

② $75,9230$

③ $75,9230 \div 3$

$$\begin{array}{r} 25 \downarrow \\ 3 \overline{) 75} \\ \underline{-60} \\ 15 \end{array}$$

$$\begin{array}{r} 3 \downarrow \\ 3 \overline{) 15} \\ \underline{-15} \\ 09 \end{array}$$

$$\begin{array}{r} 7 \downarrow \\ 3 \overline{) 09} \\ \underline{-9} \\ 023 \end{array}$$

$$\begin{array}{r} 7 \downarrow \\ 3 \overline{) 023} \\ \underline{-21} \\ 2 \end{array}$$

b. $51,648 \div 4 =$ Quotient $12,912$

Remainder 0

$\textcircled{D} 51,648 \overline{) 12912}$

$$\begin{array}{r} 4 \downarrow \\ \underline{04} \\ 11 \end{array}$$

$$\begin{array}{r} 8 \downarrow \\ \underline{36} \\ 36 \end{array}$$

$$\begin{array}{r} 36 \downarrow \\ \underline{04} \\ 04 \end{array}$$

$$\begin{array}{r} 4 \downarrow \\ \underline{08} \\ 08 \end{array}$$

$$\begin{array}{r} 8 \downarrow \\ \underline{08} \\ 0 \end{array}$$

Q. 4 $61,464 \div 6 = \text{Quotient } 10244$
Remainder $= 0$

6) $61,464 \text{ } 10244$

$$\begin{array}{r} \downarrow \\ -6 \downarrow \\ \hline 01 \end{array}$$

$$\begin{array}{r} \downarrow \\ -0 \downarrow \\ \hline 14 \end{array}$$

$$\begin{array}{r} \downarrow \\ -12 \downarrow \\ \hline 26 \end{array}$$

$$\begin{array}{r} \downarrow \\ -25 \downarrow \\ \hline 24 \end{array}$$

$$\begin{array}{r} \downarrow \\ -25 \downarrow \\ \hline 0 \end{array}$$

d. $97335 \div 7$: Quotient 3905

Remainder

$\overline{)9733503905}$

$\begin{array}{r} -7 \\ \hline 27 \end{array}$

$\begin{array}{r} -21 \\ \hline 063 \end{array}$

$\begin{array}{r} -63 \\ \hline 0 \end{array}$

$\begin{array}{r} -0 \\ \hline 035 \end{array}$

$\begin{array}{r} -35 \\ \hline 0 \end{array}$

e. $37850 \div 8$: Quotient

4730

Remainder 0

$$\textcircled{8} \quad 37890 \textcircled{4} 730$$

$$\begin{array}{r} -32 \downarrow \\ \hline 058 \end{array}$$

$$\begin{array}{r} -56 \downarrow \\ \hline 029 \end{array}$$

$$\begin{array}{r} -29 \\ \hline 0 \end{array}$$

$$\begin{array}{r} -0 \\ \hline 0 \end{array}$$

f. $94675 \div 15$ Quotient 6311

Remainder 10

⑤ 956750631

$$\begin{array}{r} \cancel{90} \downarrow \\ \hline 056 \\ - 45 \downarrow \\ \hline 015 \\ - 15 \downarrow \\ \hline 0 \end{array}$$

⑤ 9567506311

$$\begin{array}{r} \cancel{90} \downarrow \\ \hline 056 \\ - 45 \downarrow \\ \hline \cancel{17} \\ 17 \\ - 15 \downarrow \\ \hline 25 \\ - 15 \downarrow \\ \hline 10 \end{array}$$

g. $62517 \div 27$ Quotient 2315
Remainder 12

$$\begin{array}{r}
 \textcircled{27} \overline{) 62517} \\
 \underline{-59} \\
 85 \\
 \underline{-81} \\
 34 \\
 \underline{-27} \\
 147 \\
 \underline{-135} \\
 12
 \end{array}$$

h. $23695 \div 77$ Quotient 307
Remainder 6

② 23655C307

231
0054

20
~~54~~ 15

539
6