

C-W 2/27/21 Exercise 7 (C)

Fill in the blanks.

a) $75,923 \div 3$ = Quotient = 25,307, Remainder = 2

$$\begin{array}{r} 25\ 307 \\ 3 \overline{)75,923} \\ -6 \downarrow \quad | \quad | \\ 15 \\ -15 \downarrow \quad | \quad | \\ 0\ 9 \\ -9 \downarrow \quad \downarrow \\ 023 \\ -21 \\ \hline 2 \end{array}$$

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b) $51,648 \div 4 = \text{Quotient} = 12,912, \text{Remainder} = 0$

$$\begin{array}{r} 12912 \\ 4 \overline{)51,648} \\ -4 \downarrow 11 \\ 11 \\ -8 \downarrow \\ 36 \\ -36 \downarrow \\ 04 \\ -4 \downarrow \\ 08 \\ -8 \\ \hline 0 \end{array}$$

c) $61,464 \div 6 = \text{Quotient} = 10244 \text{ Remainder} = 0$

$$\begin{array}{r} 10244 \\ 6 \overline{)61,464} \\ -6 \downarrow 11 \\ 014 \\ -12 \downarrow \\ 26 \\ -24 \downarrow \\ 24 \\ -24 \\ \hline 0 \end{array}$$

d) $97335 \div 7 = \text{Quotient} = 13905 \text{ Remainder} = 0$

$$\begin{array}{r} 13905 \\ 7 \overline{)97335} \\ -7 \downarrow \\ 27 \\ -21 \downarrow \\ 63 \\ -63 \downarrow \downarrow \\ 035 \\ -35 \\ \hline 0 \end{array}$$

e) $37840 \div 8 = \text{Quotient} = 4730, \text{ Remainder} = 0$

$$\begin{array}{r} 4730 \\ 8 \overline{)37840} \\ -32 \downarrow \\ 58 \\ -56 \downarrow \\ 24 \\ -24 \downarrow \\ 00 \\ -00 \\ \hline 0 \end{array}$$

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f) $94675 \div 15 = \text{Quotient} = 6311, \text{Remainder} = 10$

$$\begin{array}{r} 6311 \\ 15 \overline{)94675} \\ -90 \downarrow \\ \hline 46 \\ -45 \downarrow \\ \hline 17 \\ -15 \downarrow \\ \hline 25 \\ -15 \\ \hline 10 \end{array}$$

g) $62517 \div 27 = \text{Quotient} = 2463, \text{Remainder} = 16$

$$\begin{array}{r} 2463 \\ 27 \overline{)62517} \\ -54 \downarrow \\ \hline 125 \\ -108 \downarrow \\ \hline 171 \\ -162 \downarrow \\ \hline 97 \\ -81 \\ \hline 16 \end{array}$$

b) $23645 \div 77$ = Quotient = 307, Remainder = 6

$$\begin{array}{r}
 307 \\
 77 \overline{)23645} \\
 -231 \downarrow \\
 \hline
 545 \\
 -539 \\
 \hline
 066
 \end{array}$$

i) $7505 \div 61$ = Quotient = 123, Remainder = 2

$$\begin{array}{r}
 123 \\
 61 \overline{)7505} \\
 -61 \downarrow \\
 \hline
 140 \\
 -122 \downarrow \\
 \hline
 185 \\
 -183 \\
 \hline
 2
 \end{array}$$

j) $63114 \div 82$ = Quotient = 769 Remainder = 56

$$\begin{array}{r}
 769 \\
 82 \overline{)63114} \\
 -574 \downarrow \\
 \hline
 571 \\
 -492 \downarrow \\
 \hline
 794 \\
 -738 \\
 \hline
 56
 \end{array}$$

k) $98113 \div 131 = \text{Quotient} = \underline{748} \text{, Remainder} = \underline{125}$

$$\begin{array}{r}
 748 \\
 131 \overline{)98113} \\
 -917 \downarrow \\
 \hline
 641 \\
 -524 \downarrow \\
 \hline
 1173 \\
 -1048 \\
 \hline
 125
 \end{array}$$

l) $64921 \div 900 = \text{Quotient} = \underline{72}, \text{Remainder} = \underline{121}$

$$\begin{array}{r}
 72 \\
 900 \overline{)64921} \\
 -6300 \downarrow \\
 \hline
 1921 \\
 -1800 \\
 \hline
 121
 \end{array}$$

m) $68737 \div 162 = \text{Quotient} = \underline{424}, \text{Remainder} = \underline{49}$

$$\begin{array}{r}
 424 \\
 162 \overline{)68737} \\
 -648 \downarrow \\
 \hline
 393 \\
 -324 \downarrow \\
 \hline
 697 \\
 -648 \\
 \hline
 49
 \end{array}$$

n) $48769 \div 219$ = Quotient = 222, Remainder = 51

$$\begin{array}{r}
 & 222 \\
 219 & \overline{)48769} \\
 -438 & \downarrow \\
 \hline
 496 & \\
 -438 & \downarrow \\
 \hline
 489 & \\
 -438 & \\
 \hline
 51
 \end{array}$$

o) $57705 \div 321$ = Quotient = 1712, Remainder = 83

$$\begin{array}{r}
 & 1712 \\
 321 & \overline{)57705} \\
 -321 & \downarrow \\
 \hline
 2560 & \\
 -2247 & \downarrow \\
 \hline
 3935 & \\
 -3852 & \\
 \hline
 83
 \end{array}$$

P) $75437 \div 319 = \text{Quotient} = 236, \text{Remainder} = 153$

$$\begin{array}{r} 236 \\ 319 \overline{)75437} \\ -638 \downarrow \\ \hline 1163 \\ -957 \downarrow \\ \hline 2067 \\ -1914 \\ \hline 153 \end{array}$$