

C-W/22/7/21 Exercice 7 (C)

• Fill in the blanks.

a) $75,923 \div 3 = \text{Quotient} = \underline{25,307}$, $\text{Remainder} = \underline{2}$

$$\begin{array}{r} \underline{25\ 307} \\ 3 \overline{) 75,923} \\ \underline{-6} \downarrow \quad | \quad | \quad | \\ 15 \quad | \quad | \quad | \\ \underline{-15} \downarrow \quad | \quad | \quad | \\ 09 \quad | \quad | \quad | \\ \underline{-9} \downarrow \downarrow \\ 023 \\ \underline{-21} \\ \underline{2} \end{array}$$

C-W

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

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

c) $61,464 \div 6 = \text{Quotient} = 10,244 \text{ Remainder} = 0$

$$\begin{array}{r}
 10,244 \\
 6 \overline{) 61,464} \\
 \underline{-6} \downarrow \downarrow \\
 014 \\
 \underline{-12} \downarrow \\
 26 \\
 \underline{-24} \downarrow \\
 24 \\
 \underline{-24} \\
 0
 \end{array}$$

H-W

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

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

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

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

HW

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

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

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

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

H.W

h) $23645 \div 77 = \text{Quotient} = \underline{307}$, $\text{Remainder} = \underline{6}$

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

i) $7505 \div 61 = \text{Quotient} = \underline{123}$, $\text{Remainder} = \underline{2}$

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

j) $63114 \div 82 = \text{Quotient} = \underline{769}$, $\text{Remainder} = \underline{56}$

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

H.W

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

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

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

$$\begin{array}{r}
 72 \\
 900 \overline{) 64921} \\
 \underline{6300} \\
 1921
 \end{array}$$

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

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

n) $48769 \div 219 = \text{Quotient} = \underline{222}$, $\text{Remainder} = \underline{51}$

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

o) $57705 \div 321 = \text{Quotient} = \underline{179}$, $\text{Remainder} = \underline{83}$

$$\begin{array}{r}
 179 \\
 321 \overline{) 57705} \\
 \underline{-321} \downarrow \\
 2560 \\
 \underline{-2247} \downarrow \\
 3935 \\
 \underline{-3852} \\
 83
 \end{array}$$

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

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