Student book

Let's Try It

Page	Answers	Pointers
111	**(a)** $3\overline{)207}$ = 69 -18 27 -27 0 So, 207 ÷ 3 = 69 **(b)** $4\overline{)532}$ = 133 -4 13 -12 12 -12 0 So, 532 ÷ 4 = 133	Make use of the division steps to work out the division exercises.

Let's Practise

Page	Answers
111	**(a)** 255 ÷ 3 = 85 **(b)** 370 ÷ 5 = 74 **(c)** 392 ÷ 7 = 56 **(d)** 532 ÷ 2 = 266 **(e)** 1196 ÷ 4 = 299 **(f)** 3876 ÷ 6 = 646 **(g)** 7503 ÷ 3 = 2501 **(h)** 8205 ÷ 5 = 1641 **(i)** 8238 ÷ 6 =1 373 Do WB Practice 1 pages 99 to 101

Let's Try It

Page	Answers
115	$3\overline{)530}$ = 176 -3 23 -21 20 -18 2 530 ÷ 3 = 176 So the children take 176 shells home each and they leave 2 shells on the beach. Do WB Practice 3 pages 106 to 107

Workbook

Page	Answers
99	(1) (a) How much money did Toby originally receive? $831 (b) When Toby shared the money equally, how much did each person receive? $277 2 7 7 3) 8 3 1 - 6 2 3 - 2 1 2 1 - 2 1 0

100

(2) **(a)** 171 ÷ 3 = 57

$$\begin{array}{r} 57 \\ 3\overline{)171} \\ -15 \\ \hline 21 \\ -21 \\ \hline 0 \end{array}$$

(b) 678 ÷ 3 = 226

$$\begin{array}{r} 226 \\ 3\overline{)678} \\ -6 \\ \hline 07 \\ -6 \\ \hline 18 \\ -18 \\ \hline 0 \end{array}$$

(c) 796 ÷ 4 = 199

$$\begin{array}{r} 199 \\ 4\overline{)796} \\ -4 \\ \hline 39 \\ -36 \\ \hline 36 \\ -36 \\ \hline 0 \end{array}$$

(d) 685 ÷ 5 = 137

$$\begin{array}{r} 137 \\ 5\overline{)685} \\ -5 \\ \hline 18 \\ -15 \\ \hline 35 \\ -35 \\ \hline 0 \end{array}$$

101

(3) **(a)** 748 ÷ 4 = 187

$$\begin{array}{r} 187 \\ 4\overline{)748} \\ -4 \\ \hline 34 \\ -32 \\ \hline 28 \\ -28 \\ \hline 0 \end{array}$$

(b) 340 ÷ 5 = 68

$$\begin{array}{r} 68 \\ 5\overline{)340} \\ -30 \\ \hline 40 \\ -40 \\ \hline 0 \end{array}$$

(c) 522 ÷ 6 = 87

$$\begin{array}{r} 87 \\ 6\overline{)522} \\ -48 \\ \hline 42 \\ -42 \\ \hline 0 \end{array}$$

(d) 259 ÷ 7 = 37

$$\begin{array}{r} 37 \\ 7\overline{)259} \\ -21 \\ \hline 49 \\ -49 \\ \hline 0 \end{array}$$

Page	Answers
102	**(1)** (c

(b) Solve the problem.

$$
\begin{array}{r}
1\ 5\ 9 \\
4\overline{)\ 6\ 3\ 6} \\
-\ 4 \\
\hline
2\ 3 \\
-\ 2\ 0 \\
\hline
3\ 6 \\
-\ 3\ 6 \\
\hline
0
\end{array}
$$

(c) Relate the answer to the problem.

So, 159 tables can be made using these legs.

103 **(2)** (

(b) Solve the problem.

$$
\begin{array}{r}
\,8\;\;8 \\
9\overline{)\,7\;\;9\;\;2} \\
-\;7\;\;2 \\
\hline
\;\;7\;\;2 \\
-\;\;\;7\;\;2 \\
\hline
\;\;0
\end{array}
$$

(c) Relate the answer to the problem.

So, 88 boxes can be packed with the candles produced in 1 day.

103 **(2)** (

(b) Solve the problem.

$$
\begin{array}{r}
\,8\;\;8 \\
9\overline{)\,7\;\;9\;\;2} \\
-\;7\;\;2 \\
\hline
\;\;7\;\;2 \\
-\;\;\;7\;\;2 \\
\hline
\;\;0
\end{array}
$$

(c) Relate the answer to the problem.

So, 88 boxes can be packed with the candles produced in 1 day.

104

(3) **(a)**

$$\begin{array}{r} 1\,3\,8 \\ 6\overline{)\,8\,2\,8} \\ -\,6\,\downarrow\,\downarrow \\ \hline 2\,2\,\downarrow \\ -\,1\,8 \\ \hline 4\,8\,\downarrow \\ -\,4\,8 \\ \hline 0 \end{array}$$

(b)

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

(c)

$$\begin{array}{r} 8\,7 \\ 6\overline{)\,5\,2\,2} \\ -\,0\,\downarrow\,\downarrow \\ \hline 5\,2\,\downarrow \\ -\,4\,8 \\ \hline 4\,2\,\downarrow \\ -\,4\,2 \\ \hline 0 \end{array}$$

(d)

$$\begin{array}{r} 1\,0\,8 \\ 7\overline{)\,7\,5\,6} \\ -\,0\,\downarrow\,\downarrow \\ \hline 7\,5\,\downarrow \\ -\,7\,0 \\ \hline 5\,6\,\downarrow \\ -\,5\,6 \\ \hline 0 \end{array}$$

105

(4) **(a)** 670 ÷ 5

$$\begin{array}{r} 1\,3\,5 \\ 5\overline{)\,6\,7\,0} \\ -\,5\,\downarrow\,\downarrow \\ \hline 1\,7\,\downarrow \\ -\,1\,5 \\ \hline 2\,5\,\downarrow \\ -\,2\,5 \\ \hline 0 \end{array}$$

(b) 860 ÷ 4

$$\begin{array}{r} 2\,1\,5 \\ 4\overline{)\,8\,6\,0} \\ -\,8\,\downarrow\,\downarrow \\ \hline 6\,\downarrow \\ -\,4 \\ \hline 2\,0\,\downarrow \\ -\,2\,0 \\ \hline 0 \end{array}$$

(c) 843 ÷ 3

$$\begin{array}{r} 2\,8\,1 \\ 3\overline{)\,8\,4\,3} \\ -\,6\,\downarrow\,\downarrow \\ \hline 2\,4\,\downarrow \\ -\,2\,4 \\ \hline 3\,\downarrow \\ -\,3 \\ \hline 0 \end{array}$$

(d) 874 ÷ 2

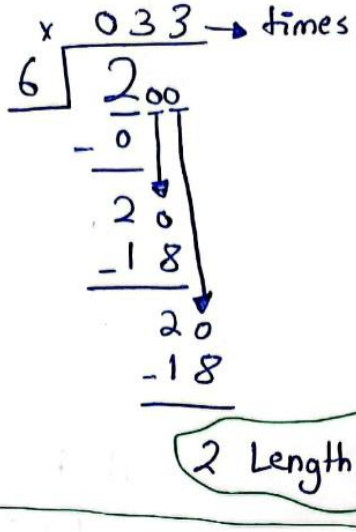
$$\begin{array}{r} 4\,3\,7 \\ 2\overline{)\,8\,7\,4} \\ -\,8\,\downarrow\,\downarrow \\ \hline 7\,\downarrow \\ -\,6 \\ \hline 1\,4\,\downarrow \\ -\,1\,4 \\ \hline 0 \end{array}$$

Page	Answers
106	**(1) (a)** $\begin{array}{r} 1\ 5\ 2\ \text{r}2 \\ 4\overline{)\,6\ 1\ 0} \\ -\ 4 \\ \hline 2\ 1 \\ -\ 2\ 0 \\ \hline 1\ 0 \\ -\ 8 \\ \hline 2 \end{array}$ **(b)** $\begin{array}{r} 5\ 1\ \text{r}3 \\ 7\overline{)\,3\ 6\ 0} \\ -\ 0 \\ \hline 3\ 6 \\ -\ 3\ 5 \\ \hline 1\ 0 \\ -\ 7 \\ \hline 3 \end{array}$ **(c)** $\begin{array}{r} 3\ 3\ \text{r}3 \\ 9\overline{)\,3\ 0\ 0} \\ -\ 0 \\ \hline 3\ 0 \\ -\ 2\ 7 \\ \hline 3\ 0 \\ -\ 2\ 7 \\ \hline 3 \end{array}$ **(d)** $\begin{array}{r} 1\ 0\ 7\ \text{r}2 \\ 8\overline{)\,8\ 5\ 8} \\ -\ 8 \\ \hline 0\ 5 \\ -\ 0\ 0 \\ \hline 5\ 8 \\ -\ 5\ 6 \\ \hline 2 \end{array}$
107	**(2) (a)** $\begin{array}{r} 4\ 5\ \text{r}1 \\ 3\overline{)\,1\ 3\ 6} \\ -\ 0 \\ \hline 1\ 3 \\ -\ 1\ 2 \\ \hline 1\ 6 \\ -\ 1\ 5 \\ \hline 1 \end{array}$ **(b)** $\begin{array}{r} 6\ 4\ \text{r}2 \\ 7\overline{)\,4\ 5\ 0} \\ -\ 0 \\ \hline 4\ 5 \\ -\ 4\ 2 \\ \hline 3\ 0 \\ -\ 2\ 8 \\ \hline 2 \end{array}$ **(c)** $\begin{array}{r} 1\ 6\ 6\ \text{r}1 \\ 6\overline{)\,9\ 9\ 7} \\ -\ 6 \\ \hline 3\ 9 \\ -\ 3\ 6 \\ \hline 3\ 7 \\ -\ 3\ 6 \\ \hline 1 \end{array}$ **(d)** $\begin{array}{r} 9\ 5\ \text{r}7 \\ 9\overline{)\,8\ 6\ 2} \\ -\ 0 \\ \hline 8\ 6 \\ -\ 8\ 1 \\ \hline 5\ 2 \\ -\ 4\ 5 \\ \hline 7 \end{array}$

Page	Answers
108	**(a)** $65 \div 3 = 21\frac{2}{3}$ $\begin{array}{r} 21 \\ 3\overline{)65} \\ -6 \\ \hline 05 \\ -3 \\ \hline 2 \end{array}$ **(b)** $88 \div 6 = 14\frac{4}{6}$ $\begin{array}{r} 14 \\ 6\overline{)88} \\ -6 \\ \hline 28 \\ -24 \\ \hline 4 \end{array}$ Also accept $14\frac{2}{3}$. **(c)** $865 \div 2 = 432\frac{1}{2}$ $\begin{array}{r} 432 \\ 2\overline{)865} \\ -8 \\ \hline 06 \\ -6 \\ \hline 05 \\ -4 \\ \hline 1 \end{array}$ **(d)** $762 \div 5 = 152\frac{2}{5}$ $\begin{array}{r} 152 \\ 5\overline{)762} \\ -5 \\ \hline 26 \\ -25 \\ \hline 12 \\ -10 \\ \hline 2 \end{array}$

WB P. 109

(a)

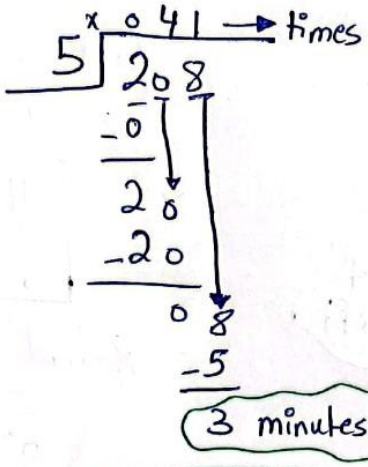


33 times
and 2 lengths left

33 +1 = 34 times

Round the answer up.

(b)

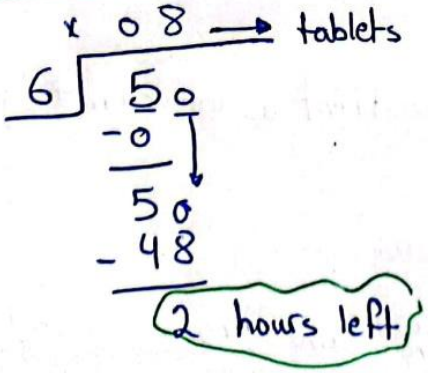


41 times
and 3 minutes left
(not enough to make one more beep)

41 times only

Round the answe down.

(c)

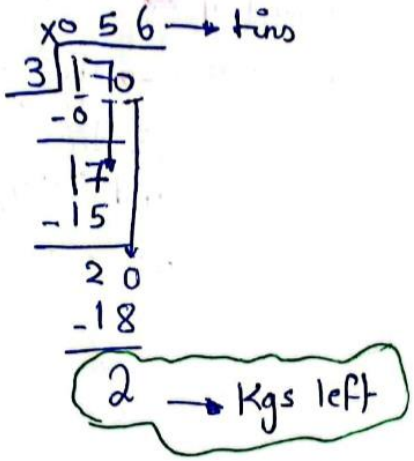


He should have taken 8 tablets in 6 hours.

So, he got a wrong medication as he only took 7 tablets in 6 hours.

Round down.

(d)

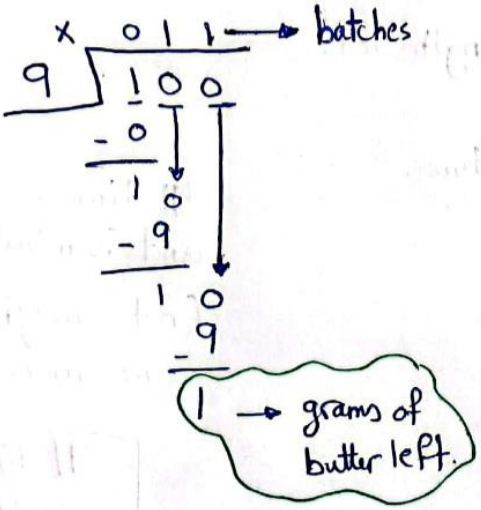


56 tins
and 2 Kgs of curry left.
(not enough to fill a 3Kg tin)

56 tins only.

Round down.

(e)



11 batches (times)
and 1 gram of butter left
(not enough to make a new batch.)

11 batches only.

Round down.

Round the answer up:

Add **one** to the quotient as we can't ignore the remainder.

Round the answer down:

The quotient stays the same as we can't use the remainder, so we ignore it.