

Let's Try It

Page	Answers
83	<p>(a) If $4 \times 9 = 36$ then $40 \times 9 = \underline{360}$</p> <p>(c) If $7 \times 7 = 49$ then $700 \times 7 = \underline{4900}$</p> <p>(e) If $3 \times 4 = 12$ then $3 \times 400 = \underline{1200}$</p> <p>(b) If $8 \times 3 = 24$ then $8 \times 30 = \underline{240}$</p> <p>(d) If $2 \times 9 = 18$ then $20 \times 9 = \underline{180}$</p> <p>(f) If $5 \times 6 = 30$ then $500 \times 6 = \underline{3000}$</p> <p><u>Do WB Practice 2 page 74</u></p>

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(1) The block of chocolate is divided into **24** small pieces of chocolate. If each piece of chocolate weighs 28 grams, find the total mass of the block of chocolate.

We should start by making an estimate.

$$24 \approx 20$$

$$28 \approx 30$$

$$20 \times 30 = 600$$

Let's find the actual product by multiplying rows and columns in a table and adding the results.

×	20	4
20	400	80
8	160	32

Finally, add the results together.

$$\begin{array}{r}
 400 \\
 160 \\
 \hline
 672
 \end{array}$$

So, $24 \times 28 = 672$

The block of chocolate weighs a total of **672** grams.

Is this more than or less than to the estimate? **more**

(2) We need to find the product of **64** and **32**.

We should start by making an estimate.

$$64 \approx 60$$

$$32 \approx 30$$

$$60 \times 30 = 1800$$

Let's find the answer using the column method.

			6	4
			3	2
×				
		1	2	8
	+	1	9	2
			0	8
		2	0	4
			8	8

$$\text{So, } 64 \times 32 = 2048$$

Is this more than or less than to the estimate? **more**

(1)

x	1	3	
<hr/>			
	7	8	
+	1	3	0
<hr/>			
	2	0	8

There are 208 flats in Tya's block.

(2)

x	1	2	3	
<hr/>				
	1	3	8	
+	2	3	0	
<hr/>				
	3	6	8	

There are 368 shells altogether.

Let's Practise

Page	Answers
101	<p>(1) $\\$12 \times 45 = \\540 45 new plates will cost \$540.</p> <p>(2) (a) $\\$15 \times 32 = \\480 \$480 is needed.</p> <p>(b) $\\$600 - \\$480 = \\$120$ They have \$120 left.</p> <p>(c) $\\$27 \times 17 = \\459 The tickets cost \$459.</p> <p>(d) $\\$15 \times 24 = \\360 Han received \$360 from his grandparents.</p> <p><u>Do WB Practice 7 pages 90 to 93</u></p>

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Page	Answers
109	(b) 3250 ends in <u>0</u> , so it is divisible by <u>2</u> , <u>5</u> and <u>10</u> . (c) 79200 ends in <u>00</u> , so it is divisible by <u>2</u> , <u>5</u> , <u>10</u> and <u>100</u> . (d) 89336 ends in <u>6</u> , so it is divisible by <u>2</u> .

Let's Practise

Page	Answers
109	(1) (a) 2, 5, 10, <u>3</u> , <u>6</u> , <u>9</u> (b) 2 (c) 2, <u>3</u> , <u>6</u> , <u>9</u> (d) 2, 5, 10, 100, <u>3</u> , <u>4</u> , <u>6</u> , (e) 5, <u>3</u> , <u>9</u> (f) 2, 5, 10, <u>4</u>

Let's Try It

Page	Answers
115	$\begin{array}{r} 176 \\ 3 \overline{) 530} \\ \underline{- 3} \\ 23 \\ \underline{- 21} \\ 20 \\ \underline{- 18} \\ 2 \end{array}$

$530 \div 3 = \underline{176}$

So the children take 176 shells home each and they leave 2 shells on the beach.

Do WB Practice 3 pages 106 to 107

106 to 107)