

Student book

Let's Try it

Page	Answers																				
20–21	<p>(2)</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #e0e0e0;"> <th style="width: 10%;">Ten Thousands</th> <th style="width: 10%;">Thousands</th> <th style="width: 10%;">Hundreds</th> <th style="width: 10%;">Tens</th> <th style="width: 10%;">Ones</th> </tr> </thead> <tbody> <tr> <td></td> <td>2</td> <td>6</td> <td>8</td> <td>1</td> </tr> </tbody> </table> <p style="text-align: center;">↓</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #e0e0e0;"> <th style="width: 10%;">Ten Thousands</th> <th style="width: 10%;">Thousands</th> <th style="width: 10%;">Hundreds</th> <th style="width: 10%;">Tens</th> <th style="width: 10%;">Ones</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>6</td> <td>8</td> <td>1</td> <td>0</td> </tr> </tbody> </table>	Ten Thousands	Thousands	Hundreds	Tens	Ones		2	6	8	1	Ten Thousands	Thousands	Hundreds	Tens	Ones	2	6	8	1	0
Ten Thousands	Thousands	Hundreds	Tens	Ones																	
	2	6	8	1																	
Ten Thousands	Thousands	Hundreds	Tens	Ones																	
2	6	8	1	0																	

	<p>(3)</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #e0e0e0;"> <th style="width: 10%;">Ten Thousands</th> <th style="width: 10%;">Thousands</th> <th style="width: 10%;">Hundreds</th> <th style="width: 10%;">Tens</th> <th style="width: 10%;">Ones</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>6</td> <td>9</td> <td>4</td> </tr> </tbody> </table> <p style="text-align: center;">↓</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #e0e0e0;"> <th style="width: 10%;">Ten Thousands</th> <th style="width: 10%;">Thousands</th> <th style="width: 10%;">Hundreds</th> <th style="width: 10%;">Tens</th> <th style="width: 10%;">Ones</th> </tr> </thead> <tbody> <tr> <td></td> <td>6</td> <td>9</td> <td>4</td> <td>0</td> </tr> </tbody> </table>	Ten Thousands	Thousands	Hundreds	Tens	Ones			6	9	4	Ten Thousands	Thousands	Hundreds	Tens	Ones		6	9	4	0
Ten Thousands	Thousands	Hundreds	Tens	Ones																	
		6	9	4																	
Ten Thousands	Thousands	Hundreds	Tens	Ones																	
	6	9	4	0																	
	<p>(4)</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #e0e0e0;"> <th style="width: 10%;">Ten Thousands</th> <th style="width: 10%;">Thousands</th> <th style="width: 10%;">Hundreds</th> <th style="width: 10%;">Tens</th> <th style="width: 10%;">Ones</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>3</td> <td>0</td> <td>2</td> </tr> </tbody> </table> <p style="text-align: center;">↓</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #e0e0e0;"> <th style="width: 10%;">Ten Thousands</th> <th style="width: 10%;">Thousands</th> <th style="width: 10%;">Hundreds</th> <th style="width: 10%;">Tens</th> <th style="width: 10%;">Ones</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>0</td> <td>2</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	Ten Thousands	Thousands	Hundreds	Tens	Ones			3	0	2	Ten Thousands	Thousands	Hundreds	Tens	Ones	3	0	2	0	0
Ten Thousands	Thousands	Hundreds	Tens	Ones																	
		3	0	2																	
Ten Thousands	Thousands	Hundreds	Tens	Ones																	
3	0	2	0	0																	

Let's Practise

Page	Answers
21	<p>(a) $459 \times 10 = 4590$ (b) $547 \times 100 = 54700$ (c) $465 \times 100 = 46500$ (d) $317 \times 10 = 3170$ (e) $98 \times 100 = 9800$ (f) $241 \times 100 = 24100$ (g) $550 \times 10 = 5500$ (h) $1090 \times 10 = 10900$</p> <p>Note: Questions (g) and (h) may be answered incorrectly if learners are simply looking at the number of zeros at the end of the number and not at how many times the original number has been multiplied.</p>

Page	Answers
25	<p>(1)</p> <p>(2)</p>

Workbook

Page	Answers
15	<p>(1)</p> <p>(2) When a number is multiplied by 10 all the digits become ten times bigger. <input checked="" type="checkbox"/></p> <p>When a number is multiplied by 100 you add two zeros at the end. <input checked="" type="checkbox"/></p> <p>When a number is multiplied by 10 you just need to put a zero on the end of the number. <input checked="" type="checkbox"/></p> <p>When a number is multiplied by 100 you move the digits two places to the left. <input checked="" type="checkbox"/></p>

(3)

Original number	$\times 10$	$\times 100$
32	320	3200
254	2540	25400
836	8360	83600
763	7630	76300
672	6720	67200
250	2500	25000

16

- (4) (a) $240 \times 10 = \underline{2400}$ (b) $557 \times 100 = \underline{55700}$ (c) $\underline{389} \times 10 = 3890$
(d) $34022 \times \underline{100} = 3402200$ (e) $\underline{78020} \times 100 = 7802000$ (f) $63300 \times \underline{10} = 633000$
(g) $\underline{37879} \times 100 = 3787900$ (h) $3798820 \times 10 = \underline{37988200}$

- (5) (a) $478 \times 10 = 4780$
(b) $6833 \times 100 = 683300$
(c) $7020 \times 10 = 7020$
(d) $56798 \times 100 = 5679800$
(e) $3000 \times 100 = 30000$
(f) $7982 \times 10 = 79820$
(g) $8920300 \times 100 = 8920300$
(h) $9274 \times 10 = 927400$

18

- (2) (a) 13°C is cooler than 16°C . (b) 23°C is warmer than -23°C .
(c) -5°C is cooler than -2°C . (d) -3°C is cooler than 6°C .
(e) 18°C is warmer than 15°C . (f) -18°C is cooler than -4°C .
(g) -22°C is cooler than 22°C . (h) -11°C is cooler than -2°C .
- (3) (b) 2°C to 5°C is a rise of 3 degrees. (c) -2°C to -11°C is a fall of 9 degrees.
(d) -12°C to 0°C is a rise of 12 degrees. (e) 7°C to -12°C is a fall of 19 degrees.
(f) 17°C to 11°C is a fall of 6 degrees. (g) -13°C to 2°C is a rise of 15 degrees.
(h) 15°C to -5°C is a fall of 20 degrees.

19–20

