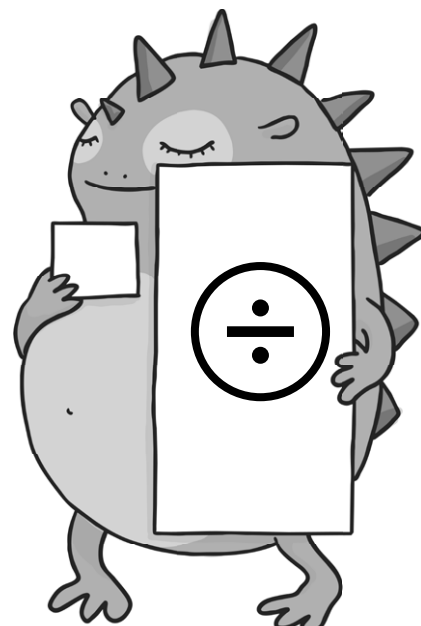
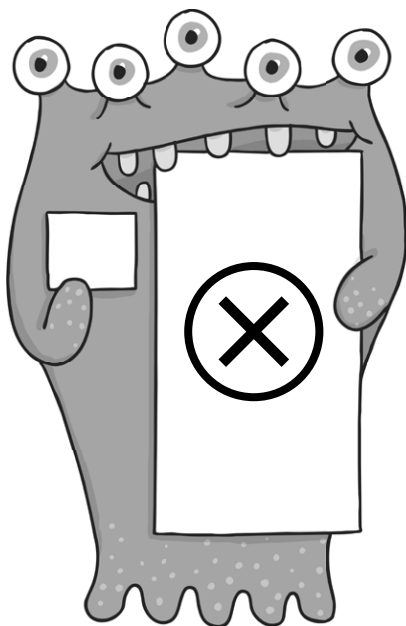
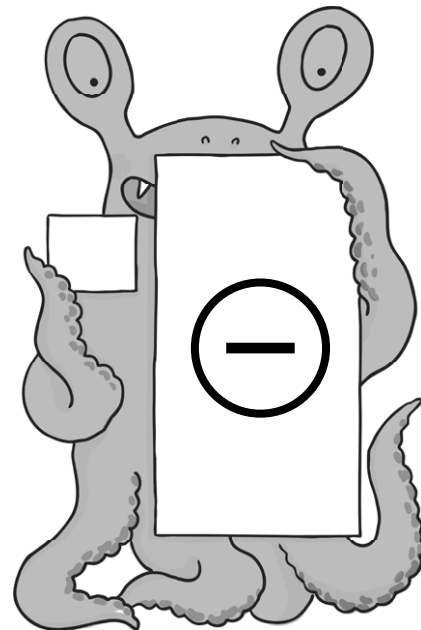
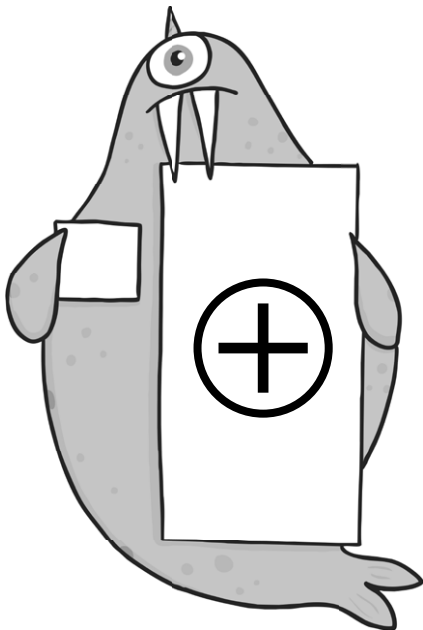


Year 6 Maths:

Addition, Subtraction, Multiplication and Division - Answers



Year 6 Maths:

Addition, Subtraction, Multiplication and Division

Year 6 Programme of Study – Addition, Subtraction, Multiplication and Division

Statutory Requirements	Worksheet	Page Number	Notes
multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication	Long Multiplication Practice 3 digits x 2 digits	3	
	Long Multiplication Practice 4 digits x 2 digits	4 - 5	
divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context	Long Division Practice Worksheet	6 - 8	
	Division Practice and Working with Remainders	9 - 10	
divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context	Short Division Practice Worksheet	11 - 12	
perform mental calculations, including with mixed operations and large numbers	Mental Maths – Addition	13 - 15	
	Mental Calculations Challenge 4 Operations	16 - 17	
identify common factors, common multiples and prime numbers	Find the common factors	18 - 19	
	Identifying Prime Numbers 1 – 200	20	
	Finding Common Multiples	21	
use their knowledge of the order of operations to carry out calculations involving the four operations	Using the Correct Order of Operations – Speed Challenge	22	
solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why	Banana Bob's Fruit and Veg Stall	23 - 24	
	Solving Multi Step Word Problems	25 - 27	

Long Multiplication Practice – 3 Digits x 2 Digits: Answers

question	answer																																																																																																							
	1. <table> <tr><td></td><td></td><td>1</td><td>6</td><td>1</td></tr> <tr><td>x</td><td></td><td></td><td>2</td><td>3</td></tr> <tr><td></td><td></td><td>4</td><td>8</td><td>3</td></tr> <tr><td></td><td>3</td><td>2</td><td>2</td><td>0</td></tr> <tr><td></td><td>3</td><td>7</td><td>0</td><td>3</td></tr> </table>			1	6	1	x			2	3			4	8	3		3	2	2	0		3	7	0	3	2. <table> <tr><td></td><td></td><td>2</td><td>3</td><td>2</td></tr> <tr><td>x</td><td></td><td></td><td>2</td><td>6</td></tr> <tr><td></td><td>1</td><td>3</td><td>9</td><td>2</td></tr> <tr><td></td><td>4</td><td>6</td><td>4</td><td>0</td></tr> <tr><td></td><td>6</td><td>0</td><td>3</td><td>2</td></tr> </table>			2	3	2	x			2	6		1	3	9	2		4	6	4	0		6	0	3	2	3. <table> <tr><td></td><td></td><td>6</td><td>1</td><td>4</td></tr> <tr><td>x</td><td></td><td></td><td>1</td><td>8</td></tr> <tr><td></td><td>4</td><td>9</td><td>1</td><td>2</td></tr> <tr><td></td><td>6</td><td>1</td><td>4</td><td>0</td></tr> <tr><td></td><td>1</td><td>1</td><td>0</td><td>5</td></tr> </table>			6	1	4	x			1	8		4	9	1	2		6	1	4	0		1	1	0	5	4. <table> <tr><td></td><td></td><td>9</td><td>6</td><td>9</td></tr> <tr><td>x</td><td></td><td></td><td>9</td><td>5</td></tr> <tr><td></td><td>4</td><td>8</td><td>4</td><td>5</td></tr> <tr><td></td><td>8</td><td>7</td><td>2</td><td>1</td></tr> <tr><td></td><td>9</td><td>2</td><td>0</td><td>5</td></tr> </table>			9	6	9	x			9	5		4	8	4	5		8	7	2	1		9	2	0	5
		1	6	1																																																																																																				
x			2	3																																																																																																				
		4	8	3																																																																																																				
	3	2	2	0																																																																																																				
	3	7	0	3																																																																																																				
		2	3	2																																																																																																				
x			2	6																																																																																																				
	1	3	9	2																																																																																																				
	4	6	4	0																																																																																																				
	6	0	3	2																																																																																																				
		6	1	4																																																																																																				
x			1	8																																																																																																				
	4	9	1	2																																																																																																				
	6	1	4	0																																																																																																				
	1	1	0	5																																																																																																				
		9	6	9																																																																																																				
x			9	5																																																																																																				
	4	8	4	5																																																																																																				
	8	7	2	1																																																																																																				
	9	2	0	5																																																																																																				
	5. <table> <tr><td></td><td></td><td>7</td><td>4</td><td>0</td></tr> <tr><td>x</td><td></td><td></td><td>9</td><td>6</td></tr> <tr><td></td><td>4</td><td>4</td><td>4</td><td>0</td></tr> <tr><td></td><td>6</td><td>6</td><td>6</td><td>0</td></tr> <tr><td></td><td>7</td><td>1</td><td>0</td><td>4</td></tr> </table>			7	4	0	x			9	6		4	4	4	0		6	6	6	0		7	1	0	4	6. <table> <tr><td></td><td></td><td>3</td><td>6</td><td>2</td></tr> <tr><td>x</td><td></td><td></td><td>5</td><td>8</td></tr> <tr><td></td><td>2</td><td>8</td><td>9</td><td>6</td></tr> <tr><td></td><td>1</td><td>8</td><td>1</td><td>0</td></tr> <tr><td></td><td>2</td><td>0</td><td>9</td><td>9</td></tr> </table>			3	6	2	x			5	8		2	8	9	6		1	8	1	0		2	0	9	9	7. <table> <tr><td></td><td></td><td>3</td><td>0</td><td>5</td></tr> <tr><td>x</td><td></td><td></td><td>7</td><td>1</td></tr> <tr><td></td><td></td><td>3</td><td>0</td><td>5</td></tr> <tr><td></td><td>2</td><td>1</td><td>3</td><td>5</td></tr> <tr><td></td><td>2</td><td>1</td><td>6</td><td>5</td></tr> </table>			3	0	5	x			7	1			3	0	5		2	1	3	5		2	1	6	5	8. <table> <tr><td></td><td></td><td>3</td><td>7</td><td>0</td></tr> <tr><td>x</td><td></td><td></td><td>6</td><td>4</td></tr> <tr><td></td><td>1</td><td>4</td><td>8</td><td>0</td></tr> <tr><td></td><td>2</td><td>2</td><td>2</td><td>0</td></tr> <tr><td></td><td>2</td><td>3</td><td>6</td><td>8</td></tr> </table>			3	7	0	x			6	4		1	4	8	0		2	2	2	0		2	3	6	8
		7	4	0																																																																																																				
x			9	6																																																																																																				
	4	4	4	0																																																																																																				
	6	6	6	0																																																																																																				
	7	1	0	4																																																																																																				
		3	6	2																																																																																																				
x			5	8																																																																																																				
	2	8	9	6																																																																																																				
	1	8	1	0																																																																																																				
	2	0	9	9																																																																																																				
		3	0	5																																																																																																				
x			7	1																																																																																																				
		3	0	5																																																																																																				
	2	1	3	5																																																																																																				
	2	1	6	5																																																																																																				
		3	7	0																																																																																																				
x			6	4																																																																																																				
	1	4	8	0																																																																																																				
	2	2	2	0																																																																																																				
	2	3	6	8																																																																																																				
	9. <table> <tr><td></td><td></td><td>5</td><td>8</td><td>4</td></tr> <tr><td>x</td><td></td><td></td><td>1</td><td>5</td></tr> <tr><td></td><td>2</td><td>9</td><td>2</td><td>0</td></tr> <tr><td></td><td>5</td><td>8</td><td>4</td><td>0</td></tr> <tr><td></td><td>8</td><td>7</td><td>6</td><td>0</td></tr> </table>			5	8	4	x			1	5		2	9	2	0		5	8	4	0		8	7	6	0	10. <table> <tr><td></td><td></td><td>8</td><td>5</td><td>1</td></tr> <tr><td>x</td><td></td><td></td><td>8</td><td>9</td></tr> <tr><td></td><td>7</td><td>6</td><td>5</td><td>9</td></tr> <tr><td></td><td>6</td><td>8</td><td>0</td><td>8</td></tr> <tr><td></td><td>7</td><td>5</td><td>7</td><td>3</td></tr> </table>			8	5	1	x			8	9		7	6	5	9		6	8	0	8		7	5	7	3	11. <table> <tr><td></td><td></td><td>7</td><td>4</td><td>9</td></tr> <tr><td>x</td><td></td><td></td><td>9</td><td>8</td></tr> <tr><td></td><td>5</td><td>9</td><td>9</td><td>2</td></tr> <tr><td></td><td>6</td><td>7</td><td>4</td><td>1</td></tr> <tr><td></td><td>7</td><td>3</td><td>4</td><td>0</td></tr> </table>			7	4	9	x			9	8		5	9	9	2		6	7	4	1		7	3	4	0	12. <table> <tr><td></td><td></td><td>4</td><td>8</td><td>2</td></tr> <tr><td>x</td><td></td><td></td><td>2</td><td>3</td></tr> <tr><td></td><td>1</td><td>4</td><td>4</td><td>6</td></tr> <tr><td></td><td>9</td><td>6</td><td>4</td><td>0</td></tr> <tr><td></td><td>1</td><td>1</td><td>0</td><td>8</td></tr> </table>			4	8	2	x			2	3		1	4	4	6		9	6	4	0		1	1	0	8
		5	8	4																																																																																																				
x			1	5																																																																																																				
	2	9	2	0																																																																																																				
	5	8	4	0																																																																																																				
	8	7	6	0																																																																																																				
		8	5	1																																																																																																				
x			8	9																																																																																																				
	7	6	5	9																																																																																																				
	6	8	0	8																																																																																																				
	7	5	7	3																																																																																																				
		7	4	9																																																																																																				
x			9	8																																																																																																				
	5	9	9	2																																																																																																				
	6	7	4	1																																																																																																				
	7	3	4	0																																																																																																				
		4	8	2																																																																																																				
x			2	3																																																																																																				
	1	4	4	6																																																																																																				
	9	6	4	0																																																																																																				
	1	1	0	8																																																																																																				
	13. <table> <tr><td></td><td></td><td>6</td><td>4</td><td>6</td></tr> <tr><td>x</td><td></td><td></td><td>1</td><td>0</td></tr> <tr><td></td><td></td><td></td><td></td><td>0</td></tr> <tr><td></td><td>6</td><td>4</td><td>6</td><td>0</td></tr> <tr><td></td><td>6</td><td>4</td><td>6</td><td>0</td></tr> </table>			6	4	6	x			1	0					0		6	4	6	0		6	4	6	0	14. <table> <tr><td></td><td></td><td>7</td><td>0</td><td>9</td></tr> <tr><td>x</td><td></td><td></td><td>1</td><td>7</td></tr> <tr><td></td><td>4</td><td>9</td><td>6</td><td>3</td></tr> <tr><td></td><td>7</td><td>0</td><td>9</td><td>0</td></tr> <tr><td></td><td>1</td><td>2</td><td>0</td><td>5</td></tr> </table>			7	0	9	x			1	7		4	9	6	3		7	0	9	0		1	2	0	5	15. <table> <tr><td></td><td></td><td>9</td><td>1</td><td>4</td></tr> <tr><td>x</td><td></td><td></td><td>5</td><td>7</td></tr> <tr><td></td><td>6</td><td>3</td><td>9</td><td>8</td></tr> <tr><td></td><td>4</td><td>5</td><td>7</td><td>0</td></tr> <tr><td></td><td>5</td><td>2</td><td>0</td><td>9</td></tr> </table>			9	1	4	x			5	7		6	3	9	8		4	5	7	0		5	2	0	9	16. <table> <tr><td></td><td></td><td>7</td><td>1</td><td>8</td></tr> <tr><td>x</td><td></td><td></td><td>4</td><td>5</td></tr> <tr><td></td><td>3</td><td>5</td><td>9</td><td>0</td></tr> <tr><td></td><td>2</td><td>8</td><td>7</td><td>2</td></tr> <tr><td></td><td>3</td><td>2</td><td>3</td><td>1</td></tr> </table>			7	1	8	x			4	5		3	5	9	0		2	8	7	2		3	2	3	1
		6	4	6																																																																																																				
x			1	0																																																																																																				
				0																																																																																																				
	6	4	6	0																																																																																																				
	6	4	6	0																																																																																																				
		7	0	9																																																																																																				
x			1	7																																																																																																				
	4	9	6	3																																																																																																				
	7	0	9	0																																																																																																				
	1	2	0	5																																																																																																				
		9	1	4																																																																																																				
x			5	7																																																																																																				
	6	3	9	8																																																																																																				
	4	5	7	0																																																																																																				
	5	2	0	9																																																																																																				
		7	1	8																																																																																																				
x			4	5																																																																																																				
	3	5	9	0																																																																																																				
	2	8	7	2																																																																																																				
	3	2	3	1																																																																																																				

Long Multiplication Practice – 4 Digits x 2 Digits: Answers

question	answer																																																																																																																																											
	1. <table><tr><td></td><td></td><td>2</td><td>1</td><td>9</td><td>0</td></tr><tr><td>x</td><td></td><td></td><td></td><td>6</td><td>9</td></tr><tr><td></td><td>1</td><td>9</td><td>7</td><td>1</td><td>0</td></tr><tr><td>1</td><td>3</td><td>1</td><td>4</td><td>0</td><td>0</td></tr><tr><td>1</td><td>5</td><td>1</td><td>1</td><td>1</td><td>0</td></tr></table>							2	1	9	0	x				6	9		1	9	7	1	0	1	3	1	4	0	0	1	5	1	1	1	0	2. <table><tr><td></td><td></td><td>1</td><td>3</td><td>4</td><td>2</td></tr><tr><td>x</td><td></td><td></td><td></td><td>5</td><td>2</td></tr><tr><td></td><td></td><td>2</td><td>6</td><td>8</td><td>4</td></tr><tr><td></td><td>6</td><td>7</td><td>1</td><td>0</td><td>0</td></tr><tr><td></td><td>6</td><td>9</td><td>7</td><td>8</td><td>4</td></tr></table>							1	3	4	2	x				5	2			2	6	8	4		6	7	1	0	0		6	9	7	8	4	3. <table><tr><td></td><td></td><td>1</td><td>5</td><td>2</td><td>1</td></tr><tr><td>x</td><td></td><td></td><td></td><td>7</td><td>3</td></tr><tr><td></td><td></td><td>4</td><td>5</td><td>6</td><td>3</td></tr><tr><td>1</td><td>0</td><td>6</td><td>4</td><td>7</td><td>0</td></tr><tr><td>1</td><td>1</td><td>1</td><td>0</td><td>3</td><td>3</td></tr></table>							1	5	2	1	x				7	3			4	5	6	3	1	0	6	4	7	0	1	1	1	0	3	3	4. <table><tr><td></td><td></td><td>1</td><td>1</td><td>4</td><td>3</td></tr><tr><td>x</td><td></td><td></td><td></td><td>3</td><td>4</td></tr><tr><td></td><td></td><td>4</td><td>5</td><td>7</td><td>2</td></tr><tr><td></td><td>3</td><td>4</td><td>2</td><td>9</td><td>0</td></tr><tr><td></td><td>3</td><td>8</td><td>8</td><td>6</td><td>2</td></tr></table>							1	1	4	3	x				3	4			4	5	7	2		3	4	2	9	0		3	8	8	6	2
		2	1	9	0																																																																																																																																							
x				6	9																																																																																																																																							
	1	9	7	1	0																																																																																																																																							
1	3	1	4	0	0																																																																																																																																							
1	5	1	1	1	0																																																																																																																																							
		1	3	4	2																																																																																																																																							
x				5	2																																																																																																																																							
		2	6	8	4																																																																																																																																							
	6	7	1	0	0																																																																																																																																							
	6	9	7	8	4																																																																																																																																							
		1	5	2	1																																																																																																																																							
x				7	3																																																																																																																																							
		4	5	6	3																																																																																																																																							
1	0	6	4	7	0																																																																																																																																							
1	1	1	0	3	3																																																																																																																																							
		1	1	4	3																																																																																																																																							
x				3	4																																																																																																																																							
		4	5	7	2																																																																																																																																							
	3	4	2	9	0																																																																																																																																							
	3	8	8	6	2																																																																																																																																							
	5. <table><tr><td></td><td></td><td>2</td><td>4</td><td>6</td><td>8</td></tr><tr><td>x</td><td></td><td></td><td></td><td>2</td><td>7</td></tr><tr><td></td><td>1</td><td>7</td><td>2</td><td>7</td><td>6</td></tr><tr><td></td><td>4</td><td>9</td><td>3</td><td>6</td><td>0</td></tr><tr><td></td><td>6</td><td>6</td><td>6</td><td>3</td><td>6</td></tr></table>							2	4	6	8	x				2	7		1	7	2	7	6		4	9	3	6	0		6	6	6	3	6	6. <table><tr><td></td><td></td><td>1</td><td>8</td><td>9</td><td>5</td></tr><tr><td>x</td><td></td><td></td><td></td><td>4</td><td>6</td></tr><tr><td></td><td>1</td><td>1</td><td>3</td><td>7</td><td>0</td></tr><tr><td></td><td>7</td><td>5</td><td>8</td><td>0</td><td>0</td></tr><tr><td></td><td>8</td><td>7</td><td>1</td><td>7</td><td>0</td></tr></table>							1	8	9	5	x				4	6		1	1	3	7	0		7	5	8	0	0		8	7	1	7	0	7. <table><tr><td></td><td></td><td>1</td><td>4</td><td>6</td><td>2</td></tr><tr><td>x</td><td></td><td></td><td></td><td>7</td><td>0</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>0</td></tr><tr><td>1</td><td>0</td><td>2</td><td>3</td><td>4</td><td>0</td></tr><tr><td>1</td><td>0</td><td>2</td><td>3</td><td>4</td><td>0</td></tr></table>							1	4	6	2	x				7	0						0	1	0	2	3	4	0	1	0	2	3	4	0	8. <table><tr><td></td><td></td><td>1</td><td>2</td><td>3</td><td>9</td></tr><tr><td>x</td><td></td><td></td><td></td><td>1</td><td>9</td></tr><tr><td></td><td>1</td><td>1</td><td>1</td><td>5</td><td>1</td></tr><tr><td></td><td>1</td><td>2</td><td>3</td><td>9</td><td>0</td></tr><tr><td></td><td>2</td><td>3</td><td>5</td><td>4</td><td>1</td></tr></table>							1	2	3	9	x				1	9		1	1	1	5	1		1	2	3	9	0		2	3	5	4	1
		2	4	6	8																																																																																																																																							
x				2	7																																																																																																																																							
	1	7	2	7	6																																																																																																																																							
	4	9	3	6	0																																																																																																																																							
	6	6	6	3	6																																																																																																																																							
		1	8	9	5																																																																																																																																							
x				4	6																																																																																																																																							
	1	1	3	7	0																																																																																																																																							
	7	5	8	0	0																																																																																																																																							
	8	7	1	7	0																																																																																																																																							
		1	4	6	2																																																																																																																																							
x				7	0																																																																																																																																							
					0																																																																																																																																							
1	0	2	3	4	0																																																																																																																																							
1	0	2	3	4	0																																																																																																																																							
		1	2	3	9																																																																																																																																							
x				1	9																																																																																																																																							
	1	1	1	5	1																																																																																																																																							
	1	2	3	9	0																																																																																																																																							
	2	3	5	4	1																																																																																																																																							
	9. <table><tr><td></td><td></td><td>1</td><td>3</td><td>5</td><td>9</td></tr><tr><td>x</td><td></td><td></td><td></td><td>7</td><td>7</td></tr><tr><td></td><td></td><td>9</td><td>5</td><td>1</td><td>3</td></tr><tr><td></td><td>9</td><td>5</td><td>1</td><td>3</td><td>0</td></tr><tr><td>1</td><td>0</td><td>4</td><td>6</td><td>4</td><td>3</td></tr></table>							1	3	5	9	x				7	7			9	5	1	3		9	5	1	3	0	1	0	4	6	4	3	10. <table><tr><td></td><td></td><td>2</td><td>1</td><td>2</td><td>7</td></tr><tr><td>x</td><td></td><td></td><td></td><td>4</td><td>8</td></tr><tr><td></td><td>1</td><td>7</td><td>0</td><td>1</td><td>6</td></tr><tr><td></td><td>8</td><td>5</td><td>0</td><td>8</td><td>0</td></tr><tr><td>1</td><td>0</td><td>2</td><td>0</td><td>9</td><td>6</td></tr></table>							2	1	2	7	x				4	8		1	7	0	1	6		8	5	0	8	0	1	0	2	0	9	6	11. <table><tr><td></td><td></td><td>1</td><td>9</td><td>2</td><td>0</td></tr><tr><td>x</td><td></td><td></td><td></td><td>1</td><td>2</td></tr><tr><td></td><td></td><td>3</td><td>8</td><td>4</td><td>0</td></tr><tr><td></td><td>1</td><td>9</td><td>2</td><td>0</td><td>0</td></tr><tr><td></td><td>2</td><td>3</td><td>0</td><td>4</td><td>0</td></tr></table>							1	9	2	0	x				1	2			3	8	4	0		1	9	2	0	0		2	3	0	4	0	12. <table><tr><td></td><td></td><td>2</td><td>2</td><td>9</td><td>1</td></tr><tr><td>x</td><td></td><td></td><td></td><td>4</td><td>0</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>0</td></tr><tr><td></td><td>9</td><td>1</td><td>6</td><td>4</td><td>0</td></tr><tr><td></td><td>9</td><td>1</td><td>6</td><td>4</td><td>0</td></tr></table>							2	2	9	1	x				4	0						0		9	1	6	4	0		9	1	6	4	0
		1	3	5	9																																																																																																																																							
x				7	7																																																																																																																																							
		9	5	1	3																																																																																																																																							
	9	5	1	3	0																																																																																																																																							
1	0	4	6	4	3																																																																																																																																							
		2	1	2	7																																																																																																																																							
x				4	8																																																																																																																																							
	1	7	0	1	6																																																																																																																																							
	8	5	0	8	0																																																																																																																																							
1	0	2	0	9	6																																																																																																																																							
		1	9	2	0																																																																																																																																							
x				1	2																																																																																																																																							
		3	8	4	0																																																																																																																																							
	1	9	2	0	0																																																																																																																																							
	2	3	0	4	0																																																																																																																																							
		2	2	9	1																																																																																																																																							
x				4	0																																																																																																																																							
					0																																																																																																																																							
	9	1	6	4	0																																																																																																																																							
	9	1	6	4	0																																																																																																																																							
	13. <table><tr><td></td><td></td><td>2</td><td>3</td><td>1</td><td>6</td></tr><tr><td>x</td><td></td><td></td><td></td><td>9</td><td>0</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>0</td></tr><tr><td>2</td><td>0</td><td>8</td><td>4</td><td>4</td><td>0</td></tr><tr><td>2</td><td>0</td><td>8</td><td>4</td><td>4</td><td>0</td></tr></table>							2	3	1	6	x				9	0						0	2	0	8	4	4	0	2	0	8	4	4	0	14. <table><tr><td></td><td></td><td>1</td><td>0</td><td>7</td><td>4</td></tr><tr><td>x</td><td></td><td></td><td></td><td>1</td><td>9</td></tr><tr><td></td><td></td><td>9</td><td>6</td><td>6</td><td>6</td></tr><tr><td></td><td>1</td><td>0</td><td>7</td><td>4</td><td>0</td></tr><tr><td></td><td>2</td><td>0</td><td>4</td><td>0</td><td>6</td></tr></table>							1	0	7	4	x				1	9			9	6	6	6		1	0	7	4	0		2	0	4	0	6	15. <table><tr><td></td><td></td><td>2</td><td>1</td><td>9</td><td>6</td></tr><tr><td>x</td><td></td><td></td><td></td><td>4</td><td>5</td></tr><tr><td></td><td>1</td><td>0</td><td>9</td><td>8</td><td>0</td></tr><tr><td></td><td>8</td><td>7</td><td>8</td><td>4</td><td>0</td></tr><tr><td></td><td>9</td><td>8</td><td>8</td><td>2</td><td>0</td></tr></table>							2	1	9	6	x				4	5		1	0	9	8	0		8	7	8	4	0		9	8	8	2	0	16. <table><tr><td></td><td></td><td>1</td><td>8</td><td>8</td><td>6</td></tr><tr><td>x</td><td></td><td></td><td></td><td>1</td><td>7</td></tr><tr><td></td><td>1</td><td>3</td><td>2</td><td>0</td><td>2</td></tr><tr><td></td><td>1</td><td>8</td><td>8</td><td>6</td><td>0</td></tr><tr><td></td><td>3</td><td>2</td><td>0</td><td>6</td><td>2</td></tr></table>							1	8	8	6	x				1	7		1	3	2	0	2		1	8	8	6	0		3	2	0	6	2
		2	3	1	6																																																																																																																																							
x				9	0																																																																																																																																							
					0																																																																																																																																							
2	0	8	4	4	0																																																																																																																																							
2	0	8	4	4	0																																																																																																																																							
		1	0	7	4																																																																																																																																							
x				1	9																																																																																																																																							
		9	6	6	6																																																																																																																																							
	1	0	7	4	0																																																																																																																																							
	2	0	4	0	6																																																																																																																																							
		2	1	9	6																																																																																																																																							
x				4	5																																																																																																																																							
	1	0	9	8	0																																																																																																																																							
	8	7	8	4	0																																																																																																																																							
	9	8	8	2	0																																																																																																																																							
		1	8	8	6																																																																																																																																							
x				1	7																																																																																																																																							
	1	3	2	0	2																																																																																																																																							
	1	8	8	6	0																																																																																																																																							
	3	2	0	6	2																																																																																																																																							

Long Division Practice Worksheet: Answers

question	answer
1	$241 \div 17 = 14 \text{ r}3$
2	$965 \div 31 = 31 \text{ r}4$
3	$1415 \div 12 = 117 \text{ r}11$
4	$4465 \div 19 = 235$
5	$1946 \div 31 = 62 \text{ r}24$
6	$1371 \div 40 = 34 \text{ r}11$
7	$6527 \div 31 = 210 \text{ r}17$
8	$4895 \div 46 = 106 \text{ r}19$
9	$8572 \div 39 = 219 \text{ r}31$
10	$9109 \div 50 = 182 \text{ r}9$
11	$9758 \div 48 = 203 \text{ r}14$
12	$15\,245 \div 62 = 245 \text{ r}55$

Division Practice – Answers in Context: Answers

question	answer
1.	102.25
2.	39
3.	33
4.	114.106
5.	29 weeks
6.	210 $\frac{5}{18}$
7.	62
8.	202 boxes

Short Division Practice Worksheet: Answers

question	answer																																																																																																																																																																																					
	1. <table><tr><td></td><td>2</td><td>0</td><td>r</td><td>1</td><td></td></tr><tr><td>2</td><td>4</td><td>1</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>				2	0	r	1		2	4	1																						2. <table><tr><td></td><td></td><td>3</td><td>2</td><td>r</td><td>1</td></tr><tr><td>8</td><td>2</td><td>5</td><td>7</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>					3	2	r	1	8	2	5	7																					3. <table><tr><td></td><td></td><td>4</td><td>4</td><td>r</td><td>3</td></tr><tr><td>9</td><td>3</td><td>9</td><td>9</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>					4	4	r	3	9	3	9	9																					4. <table><tr><td></td><td></td><td>4</td><td>2</td><td>r</td><td>4</td></tr><tr><td>5</td><td>2</td><td>1</td><td>4</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>					4	2	r	4	5	2	1	4																																																																						
	2	0	r	1																																																																																																																																																																																		
2	4	1																																																																																																																																																																																				
		3	2	r	1																																																																																																																																																																																	
8	2	5	7																																																																																																																																																																																			
		4	4	r	3																																																																																																																																																																																	
9	3	9	9																																																																																																																																																																																			
		4	2	r	4																																																																																																																																																																																	
5	2	1	4																																																																																																																																																																																			
	5. <table><tr><td></td><td></td><td>7</td><td>7</td><td>r</td><td>6</td></tr><tr><td>7</td><td>5</td><td>4</td><td>5</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>					7	7	r	6	7	5	4	5																					6. <table><tr><td></td><td></td><td>9</td><td>6</td><td>r</td><td>3</td></tr><tr><td>9</td><td>8</td><td>6</td><td>7</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>					9	6	r	3	9	8	6	7																					7. <table><tr><td></td><td></td><td>8</td><td>6</td><td>r</td><td>3</td></tr><tr><td>5</td><td>4</td><td>3</td><td>3</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>					8	6	r	3	5	4	3	3																					8. <table><tr><td></td><td></td><td>2</td><td>7</td><td>r</td><td>2</td></tr><tr><td>5</td><td>1</td><td>3</td><td>7</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>					2	7	r	2	5	1	3	7																																																																						
		7	7	r	6																																																																																																																																																																																	
7	5	4	5																																																																																																																																																																																			
		9	6	r	3																																																																																																																																																																																	
9	8	6	7																																																																																																																																																																																			
		8	6	r	3																																																																																																																																																																																	
5	4	3	3																																																																																																																																																																																			
		2	7	r	2																																																																																																																																																																																	
5	1	3	7																																																																																																																																																																																			
	9. <table><tr><td></td><td></td><td>6</td><td>2</td><td>r</td><td>5</td></tr><tr><td>7</td><td>4</td><td>3</td><td>9</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>					6	2	r	5	7	4	3	9																					10. <table><tr><td></td><td></td><td>6</td><td>1</td><td>r</td><td>1</td></tr><tr><td>8</td><td>4</td><td>8</td><td>9</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>					6	1	r	1	8	4	8	9																					11. <table><tr><td></td><td></td><td></td><td>3</td><td>1</td><td>r</td><td>1</td></tr><tr><td>1</td><td>1</td><td>3</td><td>4</td><td>2</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>						3	1	r	1	1	1	3	4	2																								12. <table><tr><td></td><td></td><td></td><td>2</td><td>4</td><td>r</td><td>1</td><td>0</td></tr><tr><td>1</td><td>2</td><td>2</td><td>9</td><td>8</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>						2	4	r	1	0	1	2	2	9	8																																																														
		6	2	r	5																																																																																																																																																																																	
7	4	3	9																																																																																																																																																																																			
		6	1	r	1																																																																																																																																																																																	
8	4	8	9																																																																																																																																																																																			
			3	1	r	1																																																																																																																																																																																
1	1	3	4	2																																																																																																																																																																																		
			2	4	r	1	0																																																																																																																																																																															
1	2	2	9	8																																																																																																																																																																																		
	13. <table><tr><td></td><td></td><td></td><td>2</td><td>6</td><td>r</td><td>5</td><td></td></tr><tr><td>1</td><td>6</td><td>4</td><td>2</td><td>1</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>						2	6	r	5		1	6	4	2	1																												14. <table><tr><td></td><td></td><td></td><td>3</td><td>3</td><td>r</td><td>1</td><td></td></tr><tr><td>1</td><td>7</td><td>5</td><td>6</td><td>2</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>						3	3	r	1		1	7	5	6	2																												15. <table><tr><td></td><td></td><td></td><td>2</td><td>1</td><td>5</td><td>r</td><td>1</td><td>1</td></tr><tr><td>2</td><td>1</td><td>4</td><td>5</td><td>2</td><td>6</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>						2	1	5	r	1	1	2	1	4	5	2	6																															16. <table><tr><td></td><td></td><td></td><td>2</td><td>3</td><td>0</td><td>r</td><td>1</td><td>3</td></tr><tr><td>1</td><td>7</td><td>3</td><td>9</td><td>2</td><td>3</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>						2	3	0	r	1	3	1	7	3	9	2	3																														
			2	6	r	5																																																																																																																																																																																
1	6	4	2	1																																																																																																																																																																																		
			3	3	r	1																																																																																																																																																																																
1	7	5	6	2																																																																																																																																																																																		
			2	1	5	r	1	1																																																																																																																																																																														
2	1	4	5	2	6																																																																																																																																																																																	
			2	3	0	r	1	3																																																																																																																																																																														
1	7	3	9	2	3																																																																																																																																																																																	

Mental Maths - Addition: Answers

question	answer
Sheet 1.	
1	70p
2	29
3	£7.50
4	85
5	100
6	£1.17
7	33
8	54kg
9	15
10	94
Sheet 2.	
1	140
2	75
3	£8
4	88
5	102
6	151
7	£1.71
8	69
9	No he will only have £28
10	705
Sheet 3.	
1	147
2	$35+18=53$ $44+1=45$
3	£8.32
4	208
5	362
6	£4.47
7	33
8	459
9	667
10	$35+55=90$ $11+78=89$

Mental Calculations Challenge – 4 Operations: Answers

question	answer
1	726.7
2	6
3	5
4	15.9
5	10 000.09
6	100
7	803
8	99.9
9	45.6
10	509
11	17
12	46 411
13	-26
14	411
15	54 610
16	388

Find the Common Factors: Task 1: Answers

question	answer
1	1
2	1, 2, 4, 8
3	1, 2, 3, 6
4	1, 3, 7

Find the Common Factors: Task 2: Answers

question	answer
1	1, 5
2	1, 2, 3, 6
3	1, 2, 4
4	1, 3, 9

Identifying Prime Numbers 1-200: Answers

question	answer									
Prime Numbers from 0 - 200										
	1	2	3	4	5	6	7	8	9	10
	11	12	13	14	15	16	17	18	19	20
	21	22	23	24	25	26	27	28	29	30
	31	32	33	34	35	36	37	38	39	40
	41	42	43	44	45	46	47	48	49	50
	51	52	53	54	55	56	57	58	59	60
	61	62	63	64	65	66	67	68	69	70
	71	72	73	74	75	76	77	78	79	80
	81	82	83	84	85	86	87	88	89	90
	91	92	93	94	95	96	97	98	99	100
	101	102	103	104	105	106	107	108	109	110
	111	112	113	114	115	116	117	118	119	120
	121	122	123	124	125	126	127	128	129	130
	131	132	133	134	135	136	137	138	139	140
	141	142	143	144	145	146	147	148	149	150
	151	152	153	154	155	156	157	158	159	160
	161	162	163	164	165	166	167	168	169	170
	171	172	173	174	175	176	177	178	179	180
	181	182	183	184	185	186	187	188	189	190
	191	192	193	194	195	196	197	198	199	200

Finding Common Multiples: Answers

question	answer
A.	
1	Multiples of 3: 3, 6, 9, 12 Multiples of 4: 4, 8, 12 LCM of 3 and 4 = 12
2	Multiples of 3: 3, 6, 9, 12, 15, 18, 21, 24, 27 Multiples of 9: 9, 18, 27 LCM of 3 and 9 = 9
3	Multiples of 2: 2, 4, 6, 8, 10, 12, 14, 16, 18, 20 Multiples of 5: 5, 10, 15, 20, 25 LCM of 2 and 5 = 10
4	Multiples of 8: 8, 16, 24, 32, 40, 48, 56, 64 Multiples of 4: 4, 8, 12, 16, 20, 24, 28, 32 LCM of 8 and 4 = 8
5	Multiples of 6: 6, 12, 18, 24, 30, 36, 42, 48, 54 Multiples of 9: 9, 18, 27, 36, 45, 54, 63, 72, 81 LCM of 6 and 9 = 18
6	Multiples of 10: 10, 20, 30, 40, 50, 60, 70, 80 Multiples of 5: 5, 10, 15, 20, 25, 30, 35, 40 LCM of 10 and 5 = 10
7	Multiples of 11: 11, 22, 33, 44, 55, 66, 77, 88 Multiples of 6: 6, 12, 18, 24, 30, 36, 42, 48, 54, 60, 66 LCM of 11 and 6 = 66
8	Multiples of 7: 7, 14, 21, 28, 35, 42, 49, 56, 63, 70, 77, 84, 91 Multiples of 13: 13, 26, 39, 52, 65, 78, 91 LCM of 7 and 13 = 91
9	Multiples of 8: 8, 16, 24, 32, 40, 48 Multiples of 12: 12, 24, 36, 48, 60 LCM of 8 and 12 = 24

Using the Correct Order of Operations – Speed Challenge: Answers

question	answer
1	50
2	42
3	90
4	9
5	31
6	3
7	19
8	33
9	14
10	45
11	7
12	19
13	8
14	80
15	48
16	9
17	25
18	14
19	4
20	57

Banana Bob's Fruit Shop: Answers

question	answer
Sheet 1.	
1	40p
2	49p
3	22p
4	96p
5	£2
6	42p
7	£1.50
8	£1.04
9	£1.80
10	£2.73
11	£4.13
12	£3.00
Cost of shopping altogether = £18.69	
Sheet 2	
Fruit Salad	150g of apples = 18p
	300g of pineapples = 60p
	250g of bananas = 18p (17.5p rounded up)
	50g of cherries = 25p
	200g of pears = 22p
	Total cost = £1.43
Smoothie	125g of apples = 15p
	300g of pineapples = 60p
	250g of bananas = 18p (17.5p rounded up)
	150g of cherries = 75p
	125g of pears = 14p (13.75p rounded up)
	250g watermelon = 38p (37.5p rounded up)
	150g coconuts = 21p
	Total cost = £2.41

Solving Multi Step Word Problems: Answers

question	answer
1	48 minutes
2	369 miles
3	£6.08
4	72 eggs
5	163 whiteboards
6	558m
7	£16.80
8	50 minutes
9	£7.35
10	91 days