

Question	Answer																																			
1	a) 607 rounded to the nearest 100 is 600 395 rounded to the nearest 100 is 400 Filip’s estimate for the answer is 600 + 400 = 1,000 b) <table><tr><td></td><td></td><td>Th</td><td>H</td><td>T</td><td>O</td><td></td></tr><tr><td></td><td></td><td></td><td>6</td><td>0</td><td>7</td><td></td></tr><tr><td></td><td>+</td><td></td><td>3</td><td>9</td><td>5</td><td></td></tr><tr><td></td><td></td><td>1</td><td>0</td><td>0</td><td>2</td><td></td></tr><tr><td></td><td></td><td>1</td><td>1</td><td>1</td><td></td><td></td></tr></table>			Th	H	T	O					6	0	7			+		3	9	5				1	0	0	2				1	1	1		
		Th	H	T	O																															
			6	0	7																															
	+		3	9	5																															
		1	0	0	2																															
		1	1	1																																
2	a) 7,958 rounded to the nearest 1,000 is 8,000 6,103 rounded to the nearest 1,000 is 6,000 Alex’s estimate is 8,000 – 6,000 = 2,000 b) <table><tr><td></td><td></td><td>Th</td><td>H</td><td>T</td><td>O</td><td></td></tr><tr><td></td><td></td><td>7</td><td>9</td><td>5</td><td>8</td><td></td></tr><tr><td></td><td>-</td><td>6</td><td>1</td><td>0</td><td>3</td><td></td></tr><tr><td></td><td></td><td>1</td><td>8</td><td>5</td><td>5</td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>			Th	H	T	O				7	9	5	8			-	6	1	0	3				1	8	5	5								
		Th	H	T	O																															
		7	9	5	8																															
	-	6	1	0	3																															
		1	8	5	5																															
3	Tiny has rounded 795 to 700 instead of 800 $800 - 500 = 300$																																			
4	a) multiple possible answers, e.g. $2,999 + 999 = 3,998$ $3,076 + 1,200 = 4,276$ $2,621 + 1,334 = 3,955$ b) multiple possible answers, e.g. $£601 - £107 = £494$ $£649 - £130 = £519$ $£550 - £72 = £478$																																			

Question	Answer																	
5	<table><tr><th>Question</th><th>Estimated answer</th><th>Accurate answer</th></tr><tr><td>3,970 km – 1,850 km</td><td>$4,000 - 2,000 = 2,000 \text{ km}$</td><td>2,120 km</td></tr><tr><td>7,076 – 852</td><td>$7,000 - 1,000 = 6,000$</td><td>6,224</td></tr><tr><td>7,076 – 652</td><td>$7,000 - 1,000 = 6,000$</td><td>6,424</td></tr><tr><td>1,994 ml + 1,994 ml</td><td>$2,000 + 2,000 = 4,000 \text{ ml}$</td><td>3,988 ml</td></tr></table>			Question	Estimated answer	Accurate answer	3,970 km – 1,850 km	$4,000 - 2,000 = 2,000 \text{ km}$	2,120 km	7,076 – 852	$7,000 - 1,000 = 6,000$	6,224	7,076 – 652	$7,000 - 1,000 = 6,000$	6,424	1,994 ml + 1,994 ml	$2,000 + 2,000 = 4,000 \text{ ml}$	3,988 ml
	Question	Estimated answer	Accurate answer															
	3,970 km – 1,850 km	$4,000 - 2,000 = 2,000 \text{ km}$	2,120 km															
	7,076 – 852	$7,000 - 1,000 = 6,000$	6,224															
	7,076 – 652	$7,000 - 1,000 = 6,000$	6,424															
1,994 ml + 1,994 ml	$2,000 + 2,000 = 4,000 \text{ ml}$	3,988 ml																
6	Dexter He has rounded to the nearest 100, which is more accurate than rounding to the nearest 1,000																	
7	a) Answers will vary, depending on whether rounding to nearest 1,000 or nearest 100 3,000 + 1,000 = 4,000 or 2,600 + 1,200 = 3,800 b) 3,810 c) Comments will vary depending on whether children rounded to the nearest 1,000 or the nearest 100																	