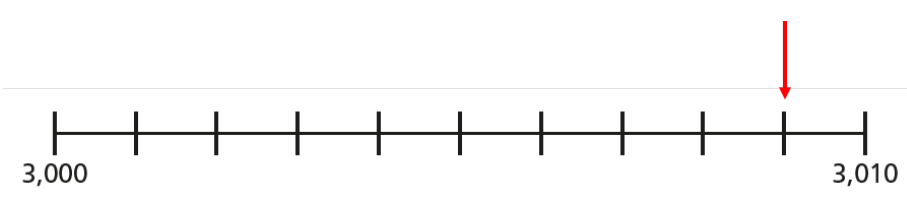
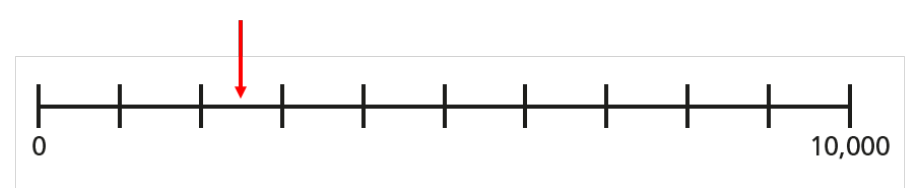




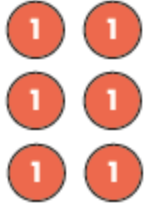



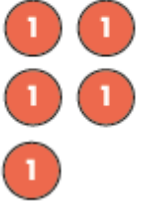


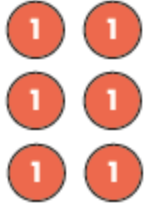



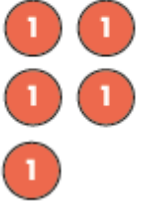


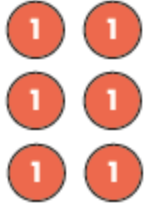



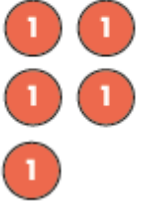
Question	Answer																																			
1	a) 2,041 b) 1,204 c) 4,012 d) 2,401																																			
2	a) Children should circle 4 hundreds, 1 ten and 2 ones. b) Children should draw 5 counters in the thousands column, 3 in the hundreds column, 2 in the tens column and 1 in the ones column.																																			
3	a) 2,866 2,875 2,965 3,865 b) 1,255 1,246 1,156 256																																			
4	<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>1 more</th> <th>10 more</th> <th>100 more</th> <th>1,000 more</th> </tr> </thead> <tbody> <tr> <td>3,000</td> <td>3,001</td> <td>3,010</td> <td>3,100</td> <td>4,000</td> </tr> <tr> <td>7,213</td> <td>7,214</td> <td>7,223</td> <td>7,313</td> <td>8,213</td> </tr> <tr> <td>4,510</td> <td>4,511</td> <td>4,520</td> <td>4,610</td> <td>5,510</td> </tr> <tr> <td>1,281</td> <td>1,282</td> <td>1,291</td> <td>1,381</td> <td>2,281</td> </tr> <tr> <td>1,899</td> <td>1,900</td> <td>1,909</td> <td>1,999</td> <td>2,899</td> </tr> <tr> <td>5,959</td> <td>5,960</td> <td>5,969</td> <td>6,059</td> <td>6,959</td> </tr> </tbody> </table>		1 more	10 more	100 more	1,000 more	3,000	3,001	3,010	3,100	4,000	7,213	7,214	7,223	7,313	8,213	4,510	4,511	4,520	4,610	5,510	1,281	1,282	1,291	1,381	2,281	1,899	1,900	1,909	1,999	2,899	5,959	5,960	5,969	6,059	6,959
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5	a)  b) 																																			
6	a) 600, 7 b) 4,000																																			

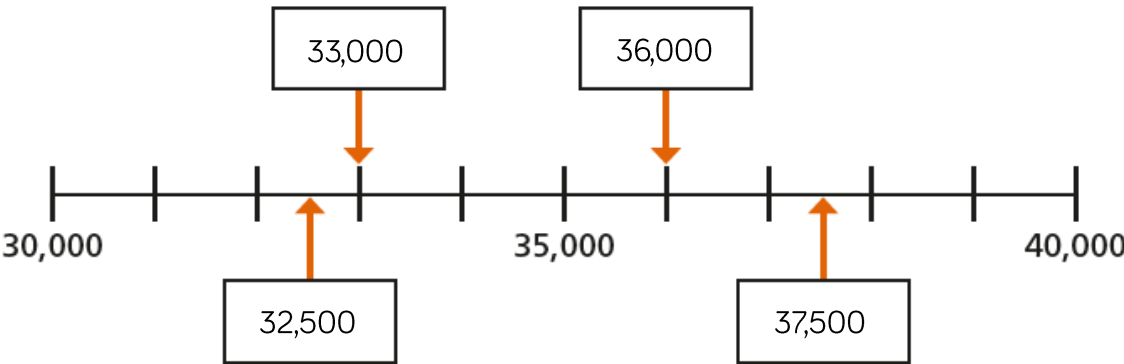
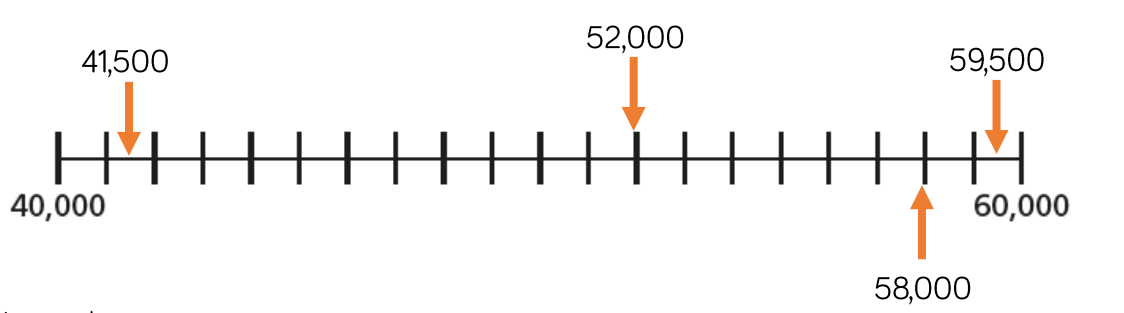
Y5 – Autumn – Block 1 – Step 1 – Numbers to 10,000 Answers

Question	Answer
7	a) 70 b) 7 c) 7,000 d) 700
8	a) Various answers. Some examples: <ul data-bbox="282 416 411 526" style="list-style-type: none">• 5,732• 3,590• 1,367 b) Open ended question depending on the number chosen.

Y5 – Autumn – Block 1 – Step 3 – Rounding to nearest 10, 100, 1,000 Answers

Question	Answer																				
1	63 rounds to 60 to the nearest 10 74 rounds to 70 to the nearest 10 67 rounds to 70 to the nearest 10 78 rounds to 80 to the nearest 10																				
2	a) 50 550 250 1,750 b) All the answers end with 50 because 48 will always round to 50 to the nearest 10 regardless of how many hundreds, thousands, etc. there are.																				
3	a) 1,500 1,600 1,500 1,600 b) Two of the answers round down to 1,500 and two round up to 1,600 The numbers that are less than 1,550 are closer to 1,500 and so are rounded down. The numbers that are more than 1,550 are closer to 1,600 and so are rounded up.																				
4	a) 740 700 1,000 b) 9,870 9,900 10,000																				
5	a) 653 645 648 b) 5,430 5,380 5,425 c) 12,475 11,780 12,399 12,111, 11,999 11,501																				
6	It cannot be less than 365 It cannot be more than 374 It must be between 365 and 374 It might be 366 (any integers between 364 and 375 are possible answers)																				
7	<table border="1"> <thead> <tr> <th>Number</th> <th>3,561</th> <th>9,730</th> <th>21,075</th> <th>903</th> </tr> </thead> <tbody> <tr> <td>Rounded to the nearest 10</td> <td>3,560</td> <td>9,730</td> <td>21,080</td> <td>900</td> </tr> <tr> <td>Rounded to the nearest 100</td> <td>3,600</td> <td>9,700</td> <td>21,100</td> <td>900</td> </tr> <tr> <td>Rounded to the nearest 1,000</td> <td>4,000</td> <td>10,000</td> <td>21,000</td> <td>1,000</td> </tr> </tbody> </table>	Number	3,561	9,730	21,075	903	Rounded to the nearest 10	3,560	9,730	21,080	900	Rounded to the nearest 100	3,600	9,700	21,100	900	Rounded to the nearest 1,000	4,000	10,000	21,000	1,000
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Rounded to the nearest 1,000	4,000	10,000	21,000	1,000																	
8	a) 9,119 b) 9,910 (Kim's number is 9,911)																				
9	yes number line showing 37 is closer to 0 than 100, so 37 rounded to the nearest 100 is 0																				

Question	Answer																				
1	a) 61,342, sixty-one thousand, three hundred and forty-two b) 61,362																				
2	a) 18,591, eighteen thousand, five hundred and ninety-one b) 20,601																				
3	a) 416 <table border="1" style="margin: 10px auto;"> <thead> <tr> <th>TTh</th> <th>Th</th> <th>H</th> <th>T</th> <th>O</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>  </td> <td>  </td> <td>  </td> </tr> </tbody> </table> b) 22,305 <table border="1" style="margin: 10px auto;"> <thead> <tr> <th>TTh</th> <th>Th</th> <th>H</th> <th>T</th> <th>O</th> </tr> </thead> <tbody> <tr> <td>  </td> <td>  </td> <td>  </td> <td></td> <td>  </td> </tr> </tbody> </table>	TTh	Th	H	T	O						TTh	Th	H	T	O					
TTh	Th	H	T	O																	
																					
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4	a) <table border="1" style="margin: 10px auto;"> <tr><td style="text-align: center;">67,611</td></tr> <tr><td style="text-align: center;">67,000</td><td style="text-align: center;">611</td></tr> </table> c) <table border="1" style="margin: 10px auto;"> <tr><td style="text-align: center;">78,319</td></tr> <tr><td style="text-align: center;">8,000</td><td style="text-align: center;">70,319</td></tr> </table> b) <table border="1" style="margin: 10px auto;"> <tr><td style="text-align: center;">50,470</td></tr> <tr><td style="text-align: center;">50,000</td><td style="text-align: center;">470</td></tr> </table> d) <table border="1" style="margin: 10px auto;"> <tr><td style="text-align: center;">93,406</td></tr> <tr><td style="text-align: center;">93,006</td><td style="text-align: center;">400</td></tr> </table>	67,611	67,000	611	78,319	8,000	70,319	50,470	50,000	470	93,406	93,006	400								
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93,006	400																				
5	a) 40,000 b) 7,000 + 200 c) 20,000 + 400 + 50 + 5 d) 60,000 + 90 e) 10,000 + 300																				

Question	Answer
6	<p>a) Any two 5-digit numbers with a 6 in the thousands place</p> <p style="text-align: center;"> 6 </p> <p>b) Any two 4-digit numbers with a 6 in the thousands place</p> <p style="text-align: center;"> 6 </p>
7	<p>a)</p>  <p>b)</p>  <p>c) Arrow drawn in appropriate position.</p>

Question	Answer																																																
1	a) 822,961 b) 71,009 c) 303,406																																																
2	<p>a) 104,379</p> <table border="1" data-bbox="428 362 1282 648"> <thead> <tr> <th>HTh</th> <th>TTh</th> <th>Th</th> <th>H</th> <th>T</th> <th>O</th> </tr> </thead> <tbody> <tr> <td>●</td> <td></td> <td>●● ●●</td> <td>●● ●</td> <td>●● ●● ●● ●</td> <td>●● ●● ●● ●● ●</td> </tr> </tbody> </table> <p>b) 804,363</p> <table border="1" data-bbox="428 700 1282 986"> <thead> <tr> <th>HTh</th> <th>TTh</th> <th>Th</th> <th>H</th> <th>T</th> <th>O</th> </tr> </thead> <tbody> <tr> <td>●● ●● ●● ●●</td> <td></td> <td>●● ●●</td> <td>●● ●</td> <td>●● ●● ●●</td> <td>●● ●</td> </tr> </tbody> </table> <p>c) 92,715</p> <table border="1" data-bbox="428 1038 1282 1324"> <thead> <tr> <th>HTh</th> <th>TTh</th> <th>Th</th> <th>H</th> <th>T</th> <th>O</th> </tr> </thead> <tbody> <tr> <td></td> <td>●● ●● ●● ●● ●</td> <td>●●</td> <td>●● ●● ●● ●</td> <td>●</td> <td>●● ●● ●</td> </tr> </tbody> </table> <p>d) 690,018</p> <table border="1" data-bbox="428 1375 1282 1661"> <thead> <tr> <th>HTh</th> <th>TTh</th> <th>Th</th> <th>H</th> <th>T</th> <th>O</th> </tr> </thead> <tbody> <tr> <td>●● ●● ●●</td> <td>●● ●● ●● ●● ●</td> <td></td> <td></td> <td>●</td> <td>●● ●● ●● ●●</td> </tr> </tbody> </table> <p>Many possible answers e.g. they all have a digit total of 24, they are all less than a million; they are all greater than 90,000 etc.</p>	HTh	TTh	Th	H	T	O	●		●● ●●	●● ●	●● ●● ●● ●	●● ●● ●● ●● ●	HTh	TTh	Th	H	T	O	●● ●● ●● ●●		●● ●●	●● ●	●● ●● ●●	●● ●	HTh	TTh	Th	H	T	O		●● ●● ●● ●● ●	●●	●● ●● ●● ●	●	●● ●● ●	HTh	TTh	Th	H	T	O	●● ●● ●●	●● ●● ●● ●● ●			●	●● ●● ●● ●●
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3	620,000 Eight hundred and fifty thousand 762,000																																																

Question	Answer															
4	a) <table style="margin-left: 100px; border: none;"> <tr> <td style="text-align: center; border: 1px solid red; border-radius: 50%; padding: 2px;">295</td> <td style="padding: 0 20px;">2,095</td> <td style="text-align: center; border: 1px solid red; border-radius: 50%; padding: 2px;">19,216</td> <td style="padding: 0 20px;">200,000</td> </tr> </table> b) Many possible solutions.	295	2,095	19,216	200,000											
295	2,095	19,216	200,000													
5	a) Three hundred b) Three hundred c) Three ones d) Three hundred thousand e) Thirty thousand f) Three thousand															
6	b) $2,915 = 2,000 + 900 + 10 + 5$ c) $30,316 = 30,000 + 300 + 10 + 6$ d) $438,390 = 400,000 + 30,000 + 8,000 + 300 + 90$ e) $769,688 = 700,000 + 60,000 + 9,000 + 600 + 80 + 8$															
7	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #fff9c4;"> <th style="width: 33%;">10,000 less than</th> <th style="width: 33%;">Number</th> <th style="width: 33%;">10,000 more than</th> </tr> </thead> <tbody> <tr> <td>260,875</td> <td>270,875</td> <td>280,875</td> </tr> <tr> <td>669,455</td> <td>679,455</td> <td>689,455</td> </tr> <tr> <td>385,600</td> <td>395,600</td> <td>405,600</td> </tr> <tr> <td>795,950</td> <td>805,950</td> <td>815,950</td> </tr> </tbody> </table>	10,000 less than	Number	10,000 more than	260,875	270,875	280,875	669,455	679,455	689,455	385,600	395,600	405,600	795,950	805,950	815,950
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8	300,000 300,000 376,480 500,000															
9	Possible solutions are: 127,749 136,659 145,569 154,479 163,389															