

Place value chart

1 0 0 0

1 0 0

1 0

1

2 0 0 0

2 0 0

2 0

2

3 0 0 0

3 0 0

3 0

3

4 0 0 0

4 0 0

4 0

4

5 0 0 0

5 0 0

5 0

5

6 0 0 0

6 0 0

6 0

6

7 0 0 0

7 0 0

7 0

7

8 0 0 0

8 0 0

8 0

8

9 0 0 0

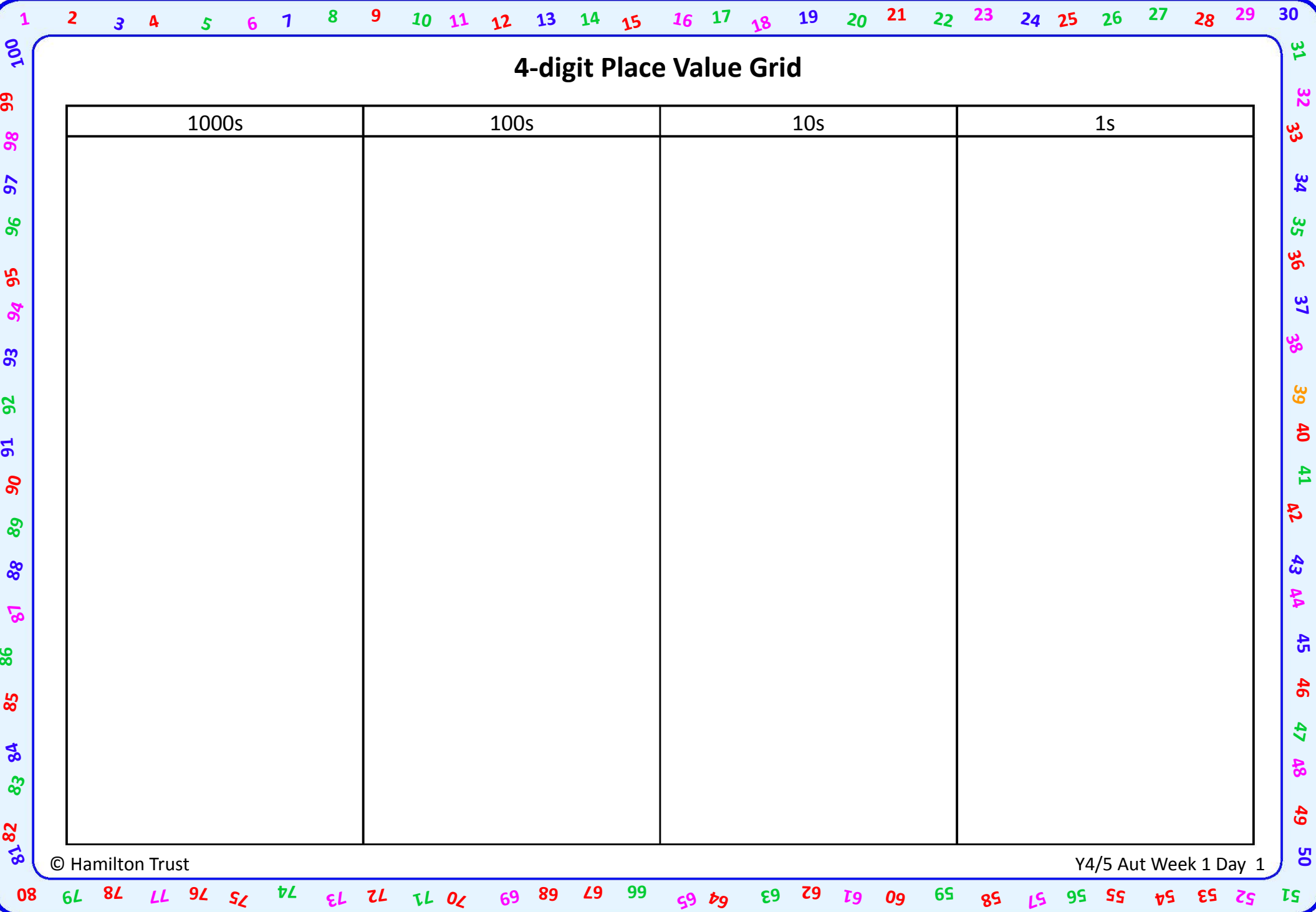
9 0 0

9 0

9

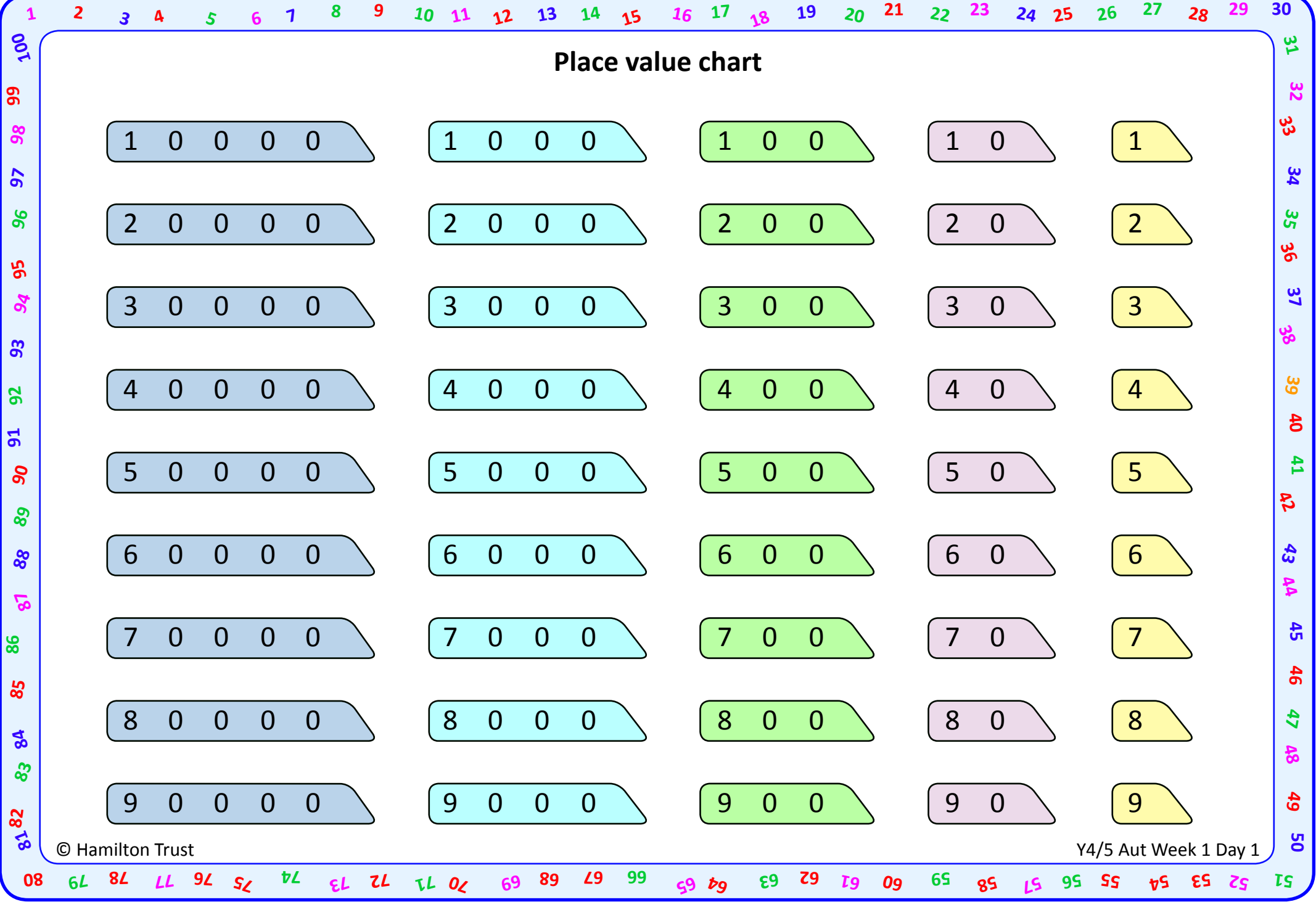
4-digit Place Value Grid

1000s	100s	10s	1s



Place value chart

1 0 0 0 0	1 0 0 0	1 0 0	1 0	1
2 0 0 0 0	2 0 0 0	2 0 0	2 0	2
3 0 0 0 0	3 0 0 0	3 0 0	3 0	3
4 0 0 0 0	4 0 0 0	4 0 0	4 0	4
5 0 0 0 0	5 0 0 0	5 0 0	5 0	5
6 0 0 0 0	6 0 0 0	6 0 0	6 0	6
7 0 0 0 0	7 0 0 0	7 0 0	7 0	7
8 0 0 0 0	8 0 0 0	8 0 0	8 0	8
9 0 0 0 0	9 0 0 0	9 0 0	9 0	9



Place value

Complete these number sentences:

$$20,000 + 450 = \boxed{}$$

$$5003 + \boxed{} = 45,523$$

$$31,000 + \boxed{} = 31,273$$

$$10,000 + \boxed{} = 10,725$$

$$40,444 + \boxed{} = 44,444$$

$$70,777 + \boxed{} = 77,777$$

$$34,270 - 270 = \boxed{}$$

$$52,235 - 50,000 = \boxed{}$$

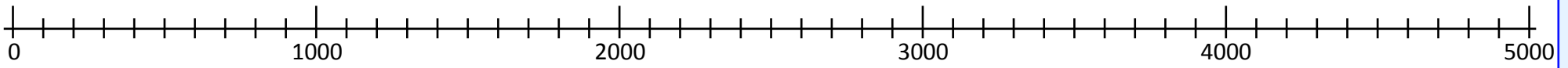
$$24,752 - \boxed{} = 24,702$$

$$72,896 - \boxed{} = 896$$

$$44,444 - \boxed{} = 40,444$$

$$45,345 - \boxed{} = 5345$$

0 - 5000 landmarked line



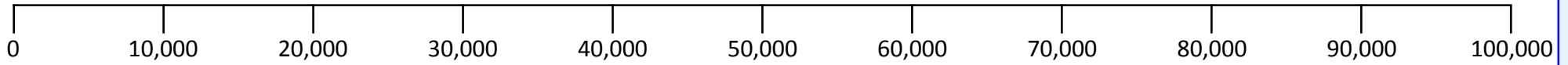
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

100 99 98 97 96 95 94 93 92 91 90 89 88 87 86 85 84 83 82

80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51

0 to 100,000 landmarked line



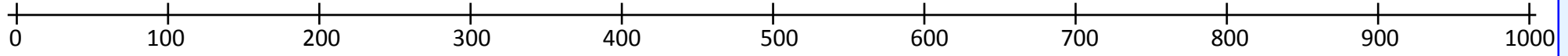
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

100 99 98 97 96 95 94 93 92 91 90 89 88 87 86 85 84 83 82

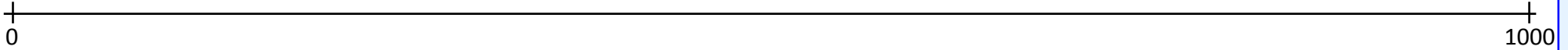
31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51

0 - 1000 landmarked line



0 - 1000 line



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

100 99 98 97 96 95 94 93 92 91 90 89 88 87 86 85 84 83 82

31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51

Whole class practice

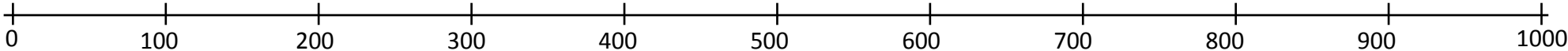
Distances taken from <http://www.mapsofworld.com/utilities/world-airdistance-locator.htm>

Distance in miles

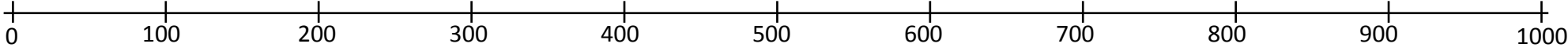
	Delhi	Frankfurt	Hong Kong	London	Montreal	Moscow	New York	Paris	Rome	Sydney	Tehran	Tokyo
Delhi		5463	2345	5907	3821	2708	9550	5679	3679	7795	1582	4959
Frankfurt	5463		8277	400	3640	1253	3851	289	598	13033	2342	9776
Hong Kong	2345	8277		8252	10345	6063	10279	8493	7694	4586	3843	1788
London	5907	400	8252		3251	1557	3456	209	892	13477	2738	9536
Montreal	3821	3640	10345	3251		5259	330	3433	4100	12045	6223	8199
Moscow	2708	1253	6063	1557	5259		5620	1533	1476	11044	1526	4667
New York	9550	3851	10279	3456	330	5620		3628	4280	12052	6113	8133
Paris	5679	269	8493	209	3433	1533	3628		688	13249	2610	9771
Rome	3679	6238	7694	892	4100	1476	4280	688		12450	2121	9840
Sydney	7795	13033	4586	13477	12045	11044	12052	13249	12450		8021	6904
Tehran	1582	2342	4712	2738	7465	11537	7681	2610	2121	9693		6858
Tokyo	4959	9776	1788	9536	8199	4667	8133	9771	9840	6904	6858	

Placing numbers on a 0 - 1000 line

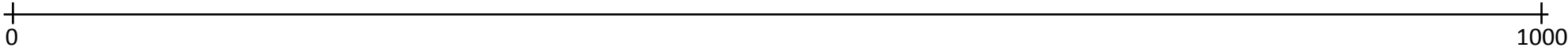
950 925 450 475



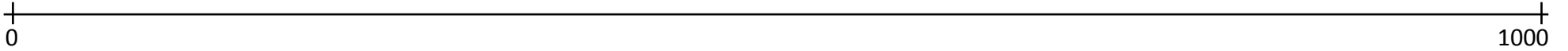
550 575 580 595



350 340 360 390



875 225 975 25



Ordering and placing numbers on a 0 - 1000 line

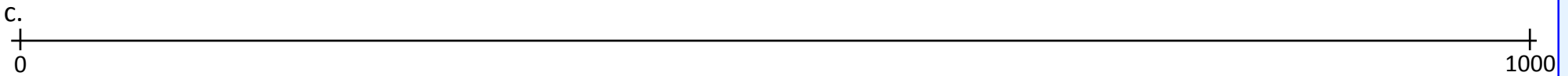
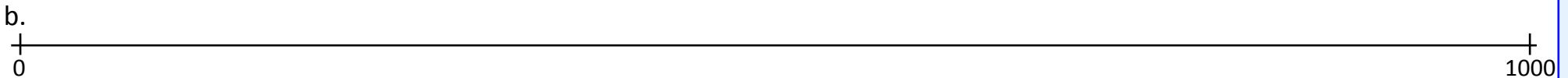
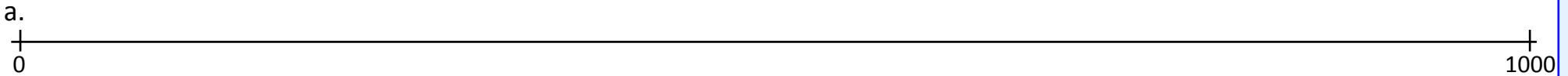
Order these numbers from smallest to biggest:

a. 850, 975, 501, 399

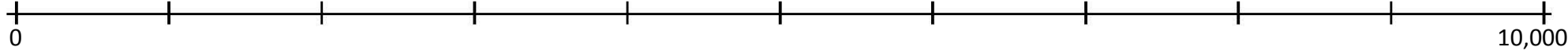
b. 560, 340, 125, 949

c. 430, 895, 274, 279

Now place them on the lines to check your ordering:



0 - 10,000 landmarked line



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

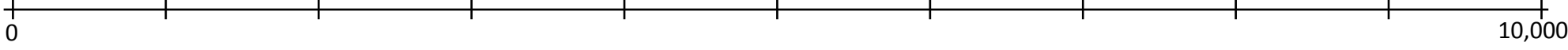
100 99 98 97 96 95 94 93 92 91 90 89 88 87 86 85 84 83 82

31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

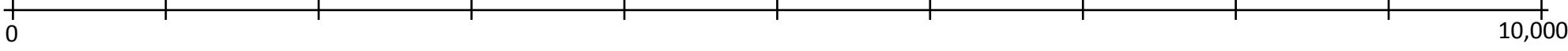
80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51

Placing numbers on a 0 - 10,000 line

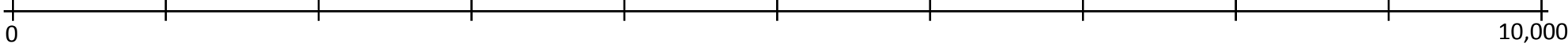
5000 7500 2500 6000



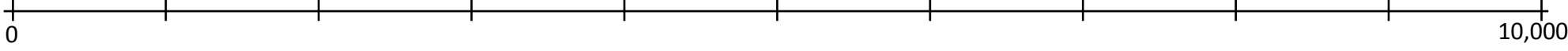
5000 4000 3000 2000



5000 6000 5500 6500



2500 7500 1250 1000



Ordering and placing numbers on a 0 - 10,000 line

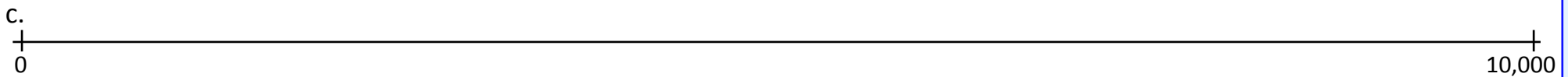
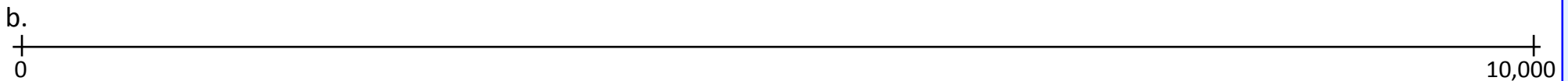
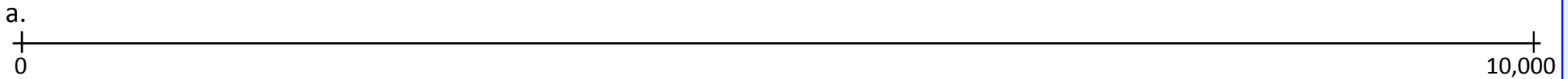
Order these numbers from smallest to biggest:

a. 8500, 9750, 5001, 3990

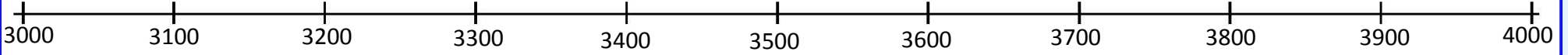
b. 5600, 3400, 1250, 9490

c. 4300, 8950, 2740, 2790

Now place them on the lines to check your ordering:



3000 - 4000 landmarked line



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

100 99 98 97 96 95 94 93 92 91 90 89 88 87 86 85 84 83 82

31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51

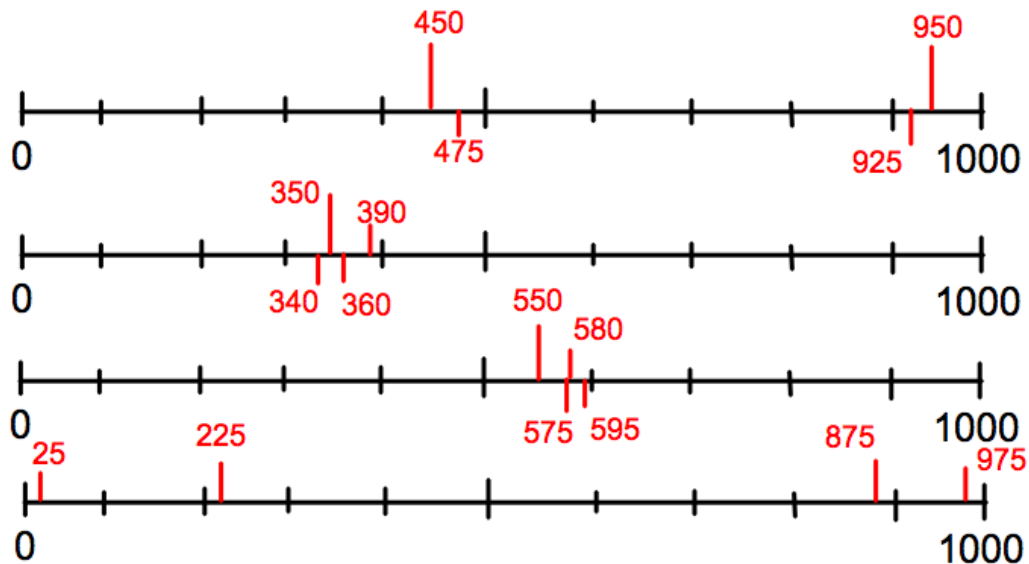
Maths Answers Autumn Year 4/5

Week 1:

Place value

$20,000 + 450 = \mathbf{20,450}$	$5003 + \mathbf{40,520} = 45,523$
$31,000 + \mathbf{273} = 31,273$	$10,000 + \mathbf{725} = 10,725$
$40,444 + \mathbf{4000} = 44,444$	$70,777 + \mathbf{7000} = 77,777$
$34,270 - 270 = \mathbf{34,000}$	$52,235 - 50,000 = \mathbf{2235}$
$24,752 - \mathbf{50} = 24,702$	$72,896 - \mathbf{72,000} = 896$
$44,444 - \mathbf{4000} = 40,444$	$45,345 - \mathbf{40,000} = 5345$

Placing numbers on a 0-1000 line



Ordering and placing numbers on a 0-1000 line

- a) 399 501 850 975
b) 125 340 560 949
c) 274 279 430 895

Ordering and placing numbers on a 0 – 10,000 line (E)

2500, 5000, 6000, 7500
2000, 3000, 4000, 5000
5000, 5500, 6000, 6500
1000, 1250, 2500, 7500

Ordering and placing numbers on a 0-10,000 line

a) **3990 5001 8500 9750**

b) **1250 3400 5600 9490**

c) **2740 2790 4300 8950**