

Place Value Challenge

Arrange the given digits to make a number that meets the given criteria.

1. Between 161 and 169:

6, 1, 7

H	T	O

4. Between 134 and 189:

5, 4, 1

H	T	O

7. Between 986 and 1000:

8, 8, 9

H	T	O

2. Between 295 and 311:

9, 2, 9

H	T	O

5. Between 576 and 601:

9, 5, 7

H	T	O

8. Between 784 and 876:

8, 4, 7

H	T	O

3. Between 392 and 397:

5, 3, 9

H	T	O

6. Between 784 and 812:

8, 5, 7

H	T	O

9. Between 578 and 811:

8, 6, 7

H	T	O

Place Value Challenge

Arrange the given digits to make a number that meets the given criteria.

1. Between 161 and 182:

6, 1, 7

H	T	O

2. Between 295 and 311:

9, 2, 8

H	T	O

3. Between 373 and 397:

8, 3, 9

H	T	O

4. Between 352 and 401:

2, 6, 3

H	T	O

5. Between 573 and 601:

6, 5, 7

H	T	O

6. Between 784 and 811:

8, 9, 7

H	T	O

7. Between 2850 and 2870:

9, 5, 2, 8

TH	H	T	O

8. Between 1900 and 1930:

2, 1, 8, 9

TH	H	T	O

9. Between 1000 and 1050:

0, 1, 2, 4

TH	H	T	O



Place Value Challenge

Arrange the given digits to make a number that meets the given criteria.

1. Between 1234 and 2000:

2, 1, 8, 9

TH	H	T	O

2. Between 1306 and 1345:

0, 1, 4, 3

TH	H	T	O

3. Between 1278 and 1299:

2, 1, 8, 6

TH	H	T	O

4. Between 2300 and 2456:

3, 1, 8, 2

TH	H	T	O

5. Between 3000 and 3500:

2, 9, 3, 4

TH	H	T	O

6. Between 8764 and 9000:

2, 1, 8, 8

TH	H	T	O

7. Between 5600 and 5700:

6, 4, 5, 9

TH	H	T	O

8. Between 5426 and 9843:

2, 6, 8, 9

TH	H	T	O

9. Between 1234 and 1239:

2, 1, 3, 8

TH	H	T	O

Place Value Challenge Answers



1. 167
2. 299
3. 395
4. 145 / 154
5. 579 / 597
6. 785
7. 988
8. 847 / 874
9. 678 / 687 / 768 / 786



1. 167 / 176
2. 298
3. 389
4. 362
5. 576
6. 789 / 798
7. 2859
8. 1928
9. 1024 / 1042



1. 1289 / 1298 / 1829 /
1892 / 1928 / 1982
 2. 1304 / 1340
 3. 1286
 4. 2318 / 2381
 5. 3249 / 3294 / 3429 / 3492
 6. 8812 / 8821
 7. 5649 / 5694
 8. 6289 / 6298 / 6829 / 6892 /
6982 / 8269 / 8296 / 8629 /
8692 / 8926 / 8962 / 9268 /
9286 / 9628 / 9682 / 9826
 9. 1238
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