

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	U

2. Between **295** and **311**:
9, 2, 9

H	T	U

3. Between **392** and **397**:
5, 3, 9

H	T	U

4. Between **134** and **189**:
5, 4, 1

H	T	U

5. Between **576** and **601**:
9, 5, 7

H	T	U

6. Between **784** and **812**:
8, 5, 7

H	T	U

7. Between **986** and **1000**:
8, 8, 9

H	T	U

8. Between **784** and **876**:
8, 4, 7

H	T	U

9. Between **578** and **811**:
8, 6, 7

H	T	U

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	U

2. Between **295** and **311**:
9, 2, 8

H	T	U

3. Between **373** and **397**:
8, 3, 9

H	T	U

4. Between **352** and **401**:
2, 6, 3

H	T	U

5. Between **573** and **601**:
6, 5, 7

H	T	U

6. Between **784** and **811**:
8, 9, 7

H	T	U

7. Between **2850** and **2870**:
9, 5, 2, 8

TH	H	T	U

8. Between **1900** and **1930**:
2, 1, 8, 9

TH	H	T	U

9. Between **1000** and **1050**:
0, 1, 2, 4

TH	H	T	U

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 U

2. Between **1306** and **1345**:

0, 1, 4, 3

--	--	--	--

TH H T U

3. Between **1278** and **1299**:

2, 1, 8, 6

--	--	--	--

TH H T U

4. Between **2300** and **2456**:

3, 1, 8, 2

--	--	--	--

TH H T U

5. Between **3000** and **3500**:

2, 9, 3, 4

--	--	--	--

TH H T U

6. Between **8764** and **9000**:

2, 1, 8, 8

--	--	--	--

TH H T U

7. Between **5600** and **5700**:

6, 4, 5, 9

--	--	--	--

TH H T U

8. Between **5426** and **9843**:

2, 6, 8, 9

--	--	--	--

TH H T U

9. Between **1234** and **1239**:

2, 1, 3, 8

--	--	--	--

TH H T U

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 / 6928 /
6982 / 8269 / 8296 / 8629 / 8692 /
8926 / 8962 / 9268 / 9286 / 9628 /
9682 / 9826
9. 1238