

# Place Value Challenge

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

1. Between 49 and 53:

**5, 2**

--	--

T O

2. Between 65 and 78:

**3, 7**

--	--

T O

3. Between 43 and 54:

**8, 4**

--	--

T O

4. Between 10 and 20:

**1, 6**

--	--

T O

5. Between 25 and 42:

**9, 2**

--	--

T O

6. Between 80 and 96:

**3, 9**

--	--

T O

7. Between 45 and 60:

**6, 4**

--	--

T O

8. Between 55 and 64:

**5, 6**

--	--

T O

9. Between 62 and 81:

**8, 6**

--	--

T O

# Place Value Challenge

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

1. Between 281 and 300:

**4, 2 8**

--	--	--

H T O

2. Between 600 and 660:

**7, 6, 5**

--	--	--

H T O

3. Between 750 and 830:

**4, 8, 1**

--	--	--

H T O

4. Between 250 and 294:

**0, 2, 8**

--	--	--

H T O

5. Between 150 and 200:

**9, 1, 5**

--	--	--

H T O

6. Between 720 and 730:

**3, 2, 7**

--	--	--

H T O

7. Between 322 and 351:

**3, 6, 2**

--	--	--

H T O

8. Between 355 and 500:

**6, 3, 8**

--	--	--

H T O

9. Between 100 and 195:

**7, 2, 1**

--	--	--

H T O

# Place Value Challenge

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

1. Between 1341 and 1362:

**1, 3, 5, 6**

--	--	--	--

TH      H      T      O

2. Between 1000 and 2750:

**7, 2, 8, 4**

--	--	--	--

TH      H      T      O

3. Between 8000 and 8300:

**6, 3, 8, 2**

--	--	--	--

TH      H      T      O

4. Between 6550 and 7000:

**3, 8, 6, 5**

--	--	--	--

TH      H      T      O

5. Between 3574 and 4200:

**4, 6, 1, 2**

--	--	--	--

TH      H      T      O

6. Between 2650 and 2769:

**1, 2, 7, 5**

--	--	--	--

TH      H      T      O

7. Between 8561 and 8930:

**8, 4, 9, 2**

--	--	--	--

TH      H      T      O

8. Between 6060 and 6280:

**6, 0, 9, 2**

--	--	--	--

TH      H      T      O

9. Between 3897 and 4000:

**5, 8, 9, 3**

--	--	--	--

TH      H      T      O

# Place Value Challenge Answers

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

1. Between 49 and 53:

**5, 2**

5	2
T	O

2. Between 65 and 78:

**3, 7**

7	3
T	O

3. Between 43 and 54:

**8, 4**

4	8
T	O

4. Between 10 and 20:

**1, 6**

1	6
T	O

5. Between 25 and 42:

**9, 2**

2	9
T	O

6. Between 80 and 96:

**3, 9**

9	3
T	O

7. Between 45 and 60:

**6, 4**

4	6
T	O

8. Between 55 and 64:

**5, 6**

5	6
T	O

9. Between 62 and 81:

**8, 6**

6	2
T	O

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6	5	7
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3. Between 750 and 830:

**4, 8, 1**

8	1	4
H	T	O

4. Between 250 and 294:

**0, 2, 8**

2	8	0
H	T	O

5. Between 150 and 200:

**9, 1, 5**

1	5	9
	or	
1	9	5
H	T	O

6. Between 720 and 730:

**3, 2, 7**

7	2	3
H	T	O

7. Between 322 and 351:

**3, 6, 2**

3	2	6
H	T	O

8. Between 355 and 500:

**6, 3, 8**

3	8	6
	or	
3	6	8
H	T	O

9. Between 100 and 195:

**7, 2, 1**

1	2	7
	or	
1	7	2
H	T	O

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2. Between 1000 and 2750:

**7, 2, 8 4**

2	7	4	8
TH	H	T	O

3. Between 8000 and 8300:

**6, 3, 8, 2**

8	2	6	3
8	or 2	3	6
TH	H	T	O

4. Between 6550 and 7000:

**3, 8, 6, 5**

6	5	8	3
6	8	3	5
6	8	5	3
TH	H	T	O

5. Between 3574 and 4200:

**4, 6, 1, 2**

4	1	2	6
	or		
4	1	6	2
TH	H	T	O

6. Between 2650 and 2769:

**1, 2, 7, 5**

2	7	5	1
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7. Between 8561 and 8930:

**8, 4, 9, 2**

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TH	H	T	O

8. Between 6060 and 6280:

**6, 0, 9, 2**

6	0	9	2
	or		
6	2	0	9
TH	H	T	O

9. Between 3897 and 4000:

**5, 8, 9, 3**

3	9	5	8
	or		
3	9	8	5
TH	H	T	O