

2 Fun With Numbers

Assignment 1

3-Digit Numbers

1 more than the greatest 2-digit number (99) is 100.

100 is the **smallest** 3-digit number.



1. Complete the table.

Number	Number Name	Number	Number Name
99	Ninety-nine	158	One hundred fifty-eight
100	One hundred	199	One hundred Ninety-nine
139	One hundred thirty-nine	200	Two hundred
104	One hundred four	210	Two hundred ten
125	One hundred twenty-five	236	Two hundred thirty-six
146	One hundred forty-six	269	Two hundred sixty-nine
170	One hundred seventy	287	Two hundred eighty-seven

2. Write all the numbers between the given numbers.

(a) 108 and 115 109 110 111 112 113 114

(b) 125 and 132 126 127 128 129 130 131

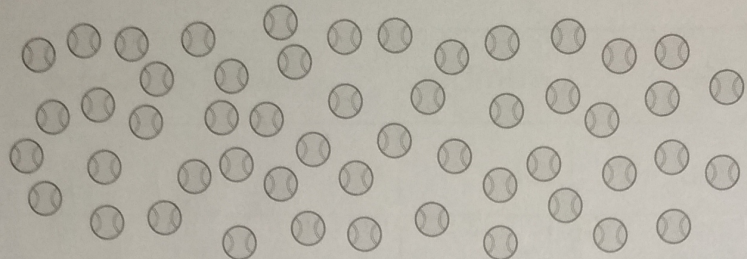
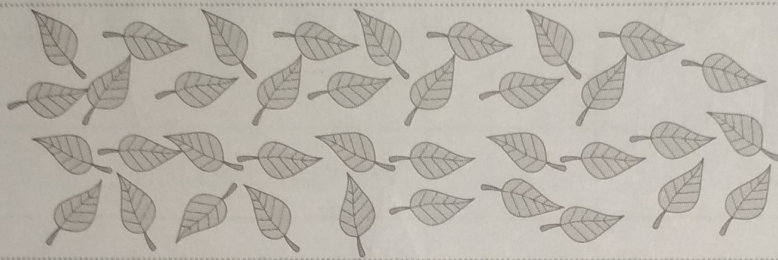
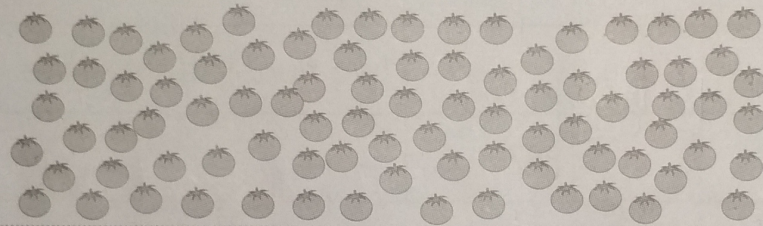
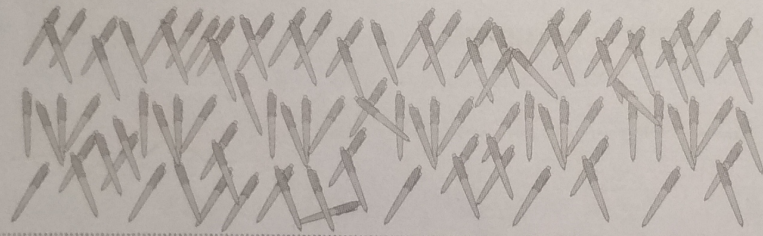
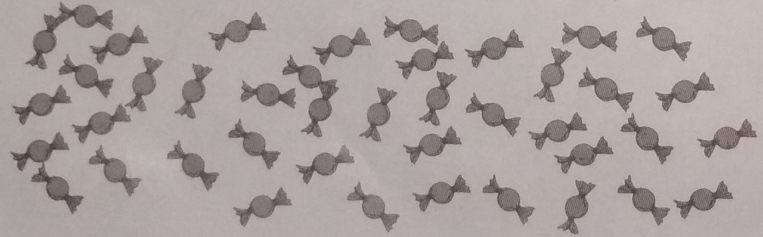
(c) 250 and 257 251 252 253 254 255 256

(d) 289 and 296 290 291 292 293 294 295

Assignment 2

Estimation means to find something close to the correct answer. It allows us to make judgement about how much time, money, distance, food, etc.

Estimate the number of objects given and check your answer by actual counting. One has been done for you.

	Estimated Count	Actual Count	Is your estimate reasonable?
1. 	50	52	Yes
2. 	40	37	Yes
3. 	90	87	Yes
4. 	100	100	Yes
5. 	40	42	Yes

Assignment 3

Counting by 2s and 5

1. Jump forward by 2s and complete the sequence.

(a) 321 323 325 327 329 331 333 335

(b) 567 569 571 573 575 577 579 581

(c) 808 810 812 814 816 818 820 822

(d) 703 705 707 709 711 713 715 717

2. Count forward by skipping 5s and complete the sequence.

(a) 564 569 574 579 584 589 594 599

(b) 777 782 787 792 797 802 ~~607~~ ⁸⁰⁷ 812

(c) 888 893 898 903 908 913 918 923

(d) 350 355 360 365 370 375 380 385

3. Write the next three terms.

(a) 130 125 120 115 110 105

(b) 302 304 306 308 310 312

(c) 593 588 583 578 573 568

(d) 890 888 886 884 882 880

(e) 415 413 411 409 407 405

Assignment 4

Counting by 10s and 50s

1. Count by skipping 10 and write the correct numbers in the blanks.

- (a) 11 21 31 41 51
- (b) 212 222 232 242 252
- (c) 428 438 448 458 468
- (d) 913 923 933 943 953

2. Colour the number grid by counting 50s as directed.

Start from

- (a) 10 and colour each box yellow. (b) 20 and colour each box green
 (c) 30 and colour each box red. (d) 40 and colour each box blue.
 (e) 50 and colour each box orange.

10	20	30	40	50	60	70	80	90	100
110	120	130	140	150	160	170	180	190	200
210	220	230	240	250	260	270	280	290	300
310	320	330	340	350	360	370	380	390	400
410	420	430	440	450	460	470	480	490	500
510	520	530	540	550	560	570	580	590	600
610	620	630	640	650	660	670	680	690	700
710	720	730	740	750	760	770	780	790	800
810	820	830	840	850	860	870	880	890	900
910	920	930	940	950	960	970	980	990	1000

Assignment 5

3-Digit Numbers

Count the hundreds first, then tens and then ones. It makes counting easy.

Write the number formed by counting hundreds, tens and ones. One has been done for you.

1.

100 10 10 1 1 1
 1 1 1
 1

H	T	O
1	2	7

2.

100 100 1 1 1 1
 10 10 1 1

H	T	O
2	2	6

3.

100 100 100 100 100
 1 1 1 1
 1 1 1

H	T	O
5	0	7

4.

100 100 100 100 100 100
 1

H	T	O
6	0	1

5.

100 100 10
 1 1 1

H	T	O
2	1	3

6.

100 100 100 100 10
 10 10 1 1
 1

H	T	O
4	3	3

7.

100 100 10 10 10 10
 10 10 1 1
 1

H	T	O
2	6	3

8.

100 100 100 100 100
 1 1 1
 1 1

H	T	O
5	0	5

9.

100 100 100 100 100
 100 100 100

H	T	O
8	0	0

10.

100 1 1 1 1
 1 1 1 1

H	T	O
1	0	8

11.

100 100 100 100 100 100
 10 10 10
 1 1 1

H	T	O
6	3	3

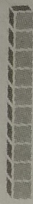
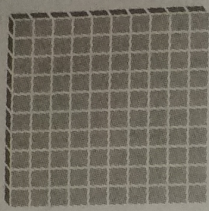
12.

100 100 100 10 10 10
 10 10 10 10
 1 1

H	T	O
3	7	2

Assignment 6

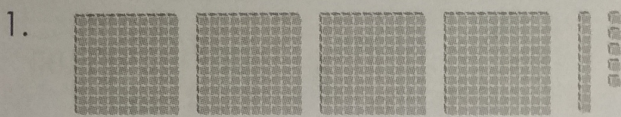
Forming 3-Digit Numbers



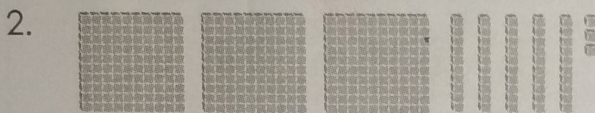
Hundreds	Tens	Ones
1	1	1

= 111

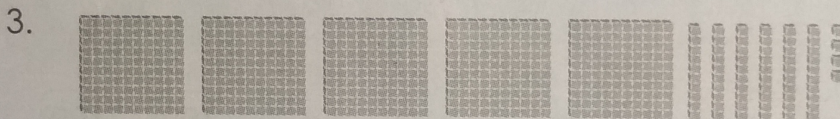
Count how many are these?



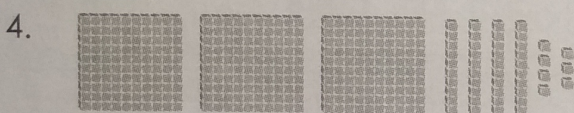
H	T	O
4	1	5



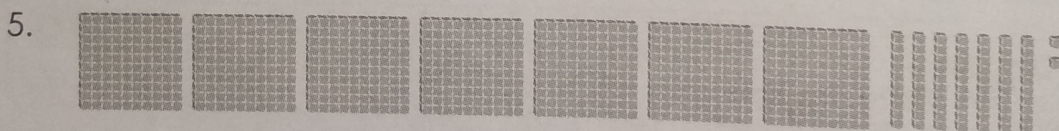
H	T	O
3	5	3



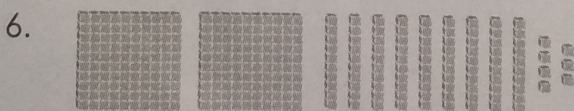
H	T	O
5	6	4



H	T	O
3	4	7



H	T	O
7	7	2



H	T	O
2	9	7

Assignment 7

Expanded Form and Place Value

In the expanded form of a number, the number is represented according to the place value of the digits.

H	T	O
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$$475 = \begin{array}{ccc} \underline{4} & \underline{7} & \underline{5} \\ \text{H} & \text{T} & \text{O} \end{array} = 400 + 70 + 5$$

1. Write the number for each of the following expanded forms.

(a) $300 + 40 + 5 = \underline{345}$

(b) $700 + 90 + 9 = \underline{799}$

(c) $500 + 30 + 4 = \underline{534}$

(d) $900 + 1 = \underline{901}$

(e) $100 + 10 + 1 = \underline{111}$

(f) $800 + 80 + 8 = \underline{888}$

2. Write the following numbers in expanded form.

(a) $555 = \underline{500 + 50 + 5}$

(b) $636 = \underline{600 + 30 + 6}$

(c) $300 = \underline{300 + 00 + 0}$

(d) $819 = \underline{800 + 10 + 9}$

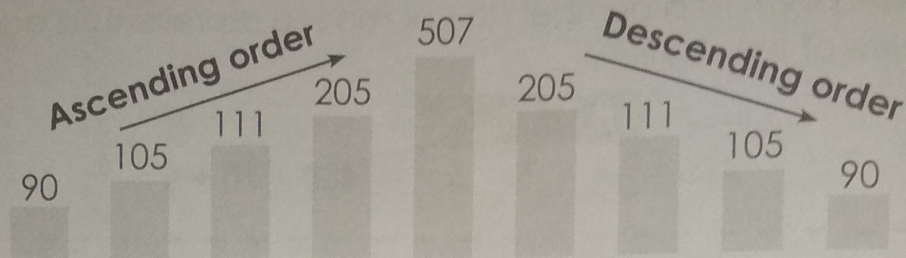
(e) $102 = \underline{100 + 00 + 2}$

3. Write the place value and face value of the underlined digits.

	Place Value	Face Value
(a) 456	$\underline{4}00$	$\underline{4}$
(b) $78\underline{9}$	$\underline{9}$	$\underline{9}$
(c) $36\underline{4}$	$\underline{60}$	$\underline{6}$
(d) $10\underline{9}$	$\underline{9}$	$\underline{9}$
(e) $9\underline{0}$	$\underline{90}$	$\underline{9}$
(f) 805	$\underline{800}$	$\underline{8}$

Assignment 8

Ordering Number



1. What comes before?

(a) 101 102

(b) 388 389

(c) 755 756

(d) 986 987

(e) 399 400

(f) 999 1000

2. What comes after?

(a) 99 100

(b) 185 186

(c) 567 568

(d) 388 389

(e) 209 210

(f) 889 890

3. Write the following numbers in ascending order.

(a) 345, 765, 987, 342, 623, 872, 23, 109

23, 109, 342, 345, 623, 765, 872, 987

(b) 12, 155, 56, 98, 37, 84, 899, 675

12, 37, 56, 84, 98, 155, 675, 899

(c) 709, 123, 321, 517, 867, 341

123, 321, 341, 517, 709, 867

4. Write the following numbers in descending order.

(a) 939, 1000, 809, 834, 765, 325, 898

1000, 939, 898, 834, 809, 765, 325

(b) 564, 623, 999, 132, 895, 420, 187

999, 895, 623, 564, 420, 187, 132

(c) 202, 209, 287, 293, 243, 267, 212

293, 287, 267, 243, 212, 209, 202

