If you're not a pirate, you don't use •'s, X's, and C's to write numbers.

0, 1, 2, 3, 4, 5, 6, 7, 8, and 9 are the ten symbols that we use to write numbers. These are called **digits**.

Digit:	Stands for:
0	zero
1	one
2	two
3	three
4	four
5	five
6	six
7	seven
8	eight
9	nine

For example, 43 is a two-digit number that uses the digits 4 and 3.

PRACTICE | Write each pirate number below as a *two-digit number*.

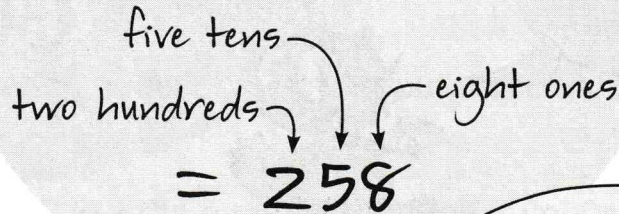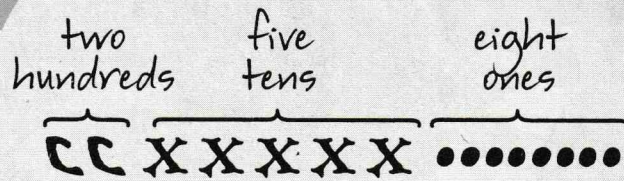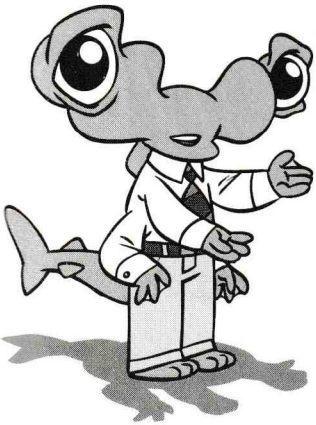23. X••• = _____

24. X•••••••• = _____

25. XX•••• = _____

26. XXXXX• = _____

27. XXXX X•••• = _____

28. XXXX•••• = _____

29. XX••• = _____

30. XXXXX = _____

two hundreds five tens eight ones

$$\underbrace{CC}_{} \underbrace{XXXXX}_{} \underbrace{\bullet\bullet\bullet\bullet\bullet\bullet\bullet\bullet}_{}$$

five tens —
two hundreds —
eight ones

$$= 258$$

In a pirate number, the C's, X's, and •'s let us know how many hundreds, tens, and ones there are.

In a three-digit number, the digits tell us how many hundreds, tens, and ones there are.

PRACTICE | Write each pirate number as a *three-digit number*.

31. $CXXXX\bullet\bullet\bullet$ = _____

32. $CX\bullet\bullet\bullet\bullet\bullet\bullet\bullet$ = _____

33. $CCCXX\bullet$ = _____

34. $CXX\bullet\bullet\bullet\bullet$ = _____

35. $CCCCCX\bullet\bullet$ = _____

36. $C\bullet\bullet\bullet\bullet\bullet$ = _____

37. $CXXX$ = _____

38. $CCCCCCC$ = _____

A digit's location in a number is called its **place value**. Every three-digit number has a hundreds place, a tens place, and a ones place.

In 309, we say that 3 is the hundreds digit, 0 is the tens digit, and 9 is the ones digit.

hundreds tens ones

309

PRACTICE | Answer each question below about place value.

39. Circle every two-digit number below.

255   55   25   522   555   52

40. Circle every number below that has a 2 in the hundreds place.

209   902   92   29   290   920

41. Circle every number below that has tens digit 7.

477   747   774   447   474   744

42. Circle every number below whose hundreds digit is larger than its ones digit.

978   798   879   897   789   987

We never write 0 as the leftmost digit of a number with more than one digit.

For example, we always write 7 tens and 3 ones as 73, never as "073."

PRACTICE | Answer each question below about place value.

43. Arrange the digits in 322 to write a new three-digit number that has a 3 in the tens place.

43. _____

44. Arrange the digits in 750 to write a new three-digit number that has ones digit 7.

44. _____

45. How many different two-digit numbers have 0 as a digit?

45. _____

46. ★ Write three *different* three-digit numbers that use the digits 7, 8, and 8.

46. _____, _____, _____

47. ★ Use the digits 5, 7, and 9 to write a number whose ones digit is larger than its tens digit, but smaller than its hundreds digit.

47. _____

In a **Number Search**, we circle 3-digit numbers in a row of digits. The 3-digit numbers cannot overlap each other.

EXAMPLE | In the row of digits below, circle two *different* 3-digit numbers that have 6 in the tens place.

2 6 6 2 6 6 2

Below is the only way to circle two different 3-digit numbers that have tens digit 6 and do not overlap.

2 6 6 2 6 6 2

PRACTICE | Solve each Number Search below by circling numbers that do not overlap.

48. Circle a 3-digit number with ones digit 2 and hundreds digit 4.

2 3 4 2 4 3 2

49. Circle two *different* 3-digit numbers that have a 5 in the tens place.

5 5 4 5 5 4 5 5

50. Circle two *different* 3-digit numbers that have a 9 in the ones place.

9 9 9 8 9 9 9

51. Circle two *different* 3-digit numbers that have a 0 in the ones place.

0 0 1 1 0 0 1 1 0

Remember, the numbers you circle in these problems can't overlap.

PRACTICE | Solve each Number Search below by circling numbers that do not overlap.

52. Circle three *different* 3-digit numbers that have a 0 in the ones place.

1 2 0 0 2 2 0 0 1 2 0

53. Circle three copies of the *same* 3-digit number.

1 2 3 1 4 2 1 3 1 4 1 2 3 1 4 2

54. Circle three 3-digit numbers that have their largest digit in the tens place.

8 7 6 5 7 6 5 4 6 5 4 3 5 4 3 2

55. Circle four 3-digit numbers that all have the same tens digit.
★

4 3 2 1 1 2 3 4 3 1 2 4 4 2 1 3

56. Circle four *different* 3-digit numbers.
★

7 3 3 7 3 3 7 7 3 3 7 3 3 7 3