

PLACE VALUE

Digits

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



PLACE VALUE

Digits

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.

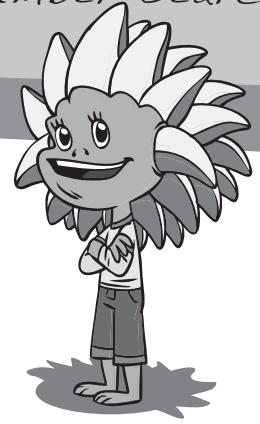
9 9 9 8 9 9 9

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

0 0 1 1 0 0 1 1 0

PLACE VALUE
Number Search

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.

0 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