

# 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.

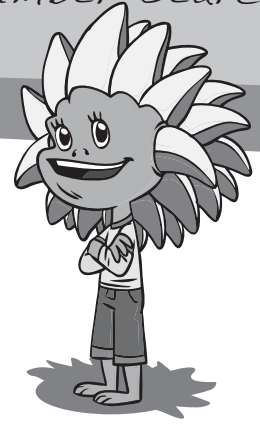
9 9 9 8 9 9 9

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