

# Place value for decimals



Write the value of 5 in 7.53 in standard form and word form.

0.5

5 tenths

What happens to the value of 2.48 if you change the 8 to a 1?

The value of the number decreases by 0.07.

Write the value of the 9 in these numbers in standard form and written form.

2.9

0.19

975.04

9.12

0.89

591.65

19.85

3.96

Write what happens to the value of each number.

Change the 8 in 35.86 to 7.

Change the 2 in 1.02 to 6.

Change the 3 in 3,460 to 9.

Change the 1 in 8.17 to 6.

Change the 5 in 8.35 to 1.

Circle the numbers that have an 8 with a value of 8 tenths.

457.68

1.8

8.09

35.85

388.1

Circle the numbers that have a 5 with a value of 5 hundredths.

550.7

5.25

99.95

16.53

68.95

Circle the numbers that have a 3 with a value of 3 tenths.

3,603.3

0.93

32.45

5.33

23.53

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Write the value of 5 in 7.53 in standard form and word form.

0.5

5 tenths

What happens to the value of 2.48 if you change the 8 to a 1?

The value of the number decreases by 0.07.

Write the value of the 9 in these numbers in standard form and written form.

2.9

0.19

975.04

9.12

0.9

0.09

900

9

9 tenths

9 hundredths

9 hundred

nine

0.89

591.65

19.85

3.96

0.09

90

9

0.9

9 hundredths

ninety

nine

9 tenths

Write what happens to the value of each number.

Change the 8 in 35.86 to 7.

The value of the number decreases by 0.1.

Change the 2 in 1.02 to 6.

The value of the number increases by 0.04.

Change the 3 in 3,460 to 9.

The value of the number increases by 6,000.

Change the 1 in 8.17 to 6.

The value of the number increases by 0.5.

Change the 5 in 8.35 to 1.

The value of the number decreases by 0.04.

Circle the numbers that have an 8 with a value of 8 tenths.

457.68

1.8

8.09

35.85

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Circle the numbers that have a 5 with a value of 5 hundredths.

550.7

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Circle the numbers that have a 3 with a value of 3 tenths.

3,603.3

0.93

32.45

5.33

23.53

This page involves numbers with decimals rather than whole numbers. For the second section of questions, it may help children to write the new numbers and then find the difference between them and the original numbers.