

Place Value of Decimals

1. Name the place of the digit 8 in each of the numbers below.

(a) 0.387 =

(b) 3.0738=

(c) 4.82 =

(d) 1.118 =

2. Name the value of the underlined digit.

(a) 6.5937 =

(b) 5.371 =

(c) 7.4032 =

(d) 0.4215 =

3.

8.246

3.611

1.062

(a) Which number has a digit with the value 6 tenths?

(b) Which number has a digit with the value 6 hundredths?

(c) Which number has a digit with the value 6 thousandths?

4. Write the value of 9 in the numbers in **written form**.

(a) 2.9 =

(b) 0.19 =

(c) 975.04 =

(d) 9.12 =

(e) 0.89 =

(f) 591.65 =

(g) 19.85 =

(h) 3.96 =

5. (i) Choose the numbers that have an 8 with a value of **8 tenths**.

457.68

1.8

8.09

35.85

388.1

(ii) Choose the numbers that have a 5 with a value of **5 hundredths**.

550.7

5.25

99.95

16.53

68.95

(iii) Choose the numbers that have a 3 with a value of **3 tenths**.

3603.3

0.93

32.45

5.33

23.53

1) Write down the place value of 7 in each of these numbers.

a) 78.924531 _____ b) 241.35708 _____

c) 9.7102 _____ d) 54.63817 _____

2) Write down the place value of 3 in each of these numbers.

a) 3.59216 _____ b) 47.2603 _____

c) 509.683 _____ d) 81.437659 _____

3) Write down the place value of 6 in each of these numbers.

a) 750.421836 _____ b) 3.189267 _____

c) 6.27 _____ d) 49.53768 _____

4) Write down the place value of 1 in each of these numbers.

a) 278.15346 _____ b) 9.367218 _____

c) 352.901 _____ d) 61.5429 _____

5) Write down the place value of 4 in each of these numbers.

a) 2.195624 _____ b) 38.403186 _____

c) 13.82745 _____ d) 479.65 _____

6) Write down the place value of 8 in each of these numbers.

a) 9.725418 _____ b) 28.5409 _____

c) 463.187 _____ d) 1.4538 _____

Identify the place value of the underlined digits.

1) $\underline{6}75.4$ _____

2) $10.7\underline{4}5$ _____

3) $584.\underline{7}2$ _____

4) $4\underline{5}3.7$ _____

5) $92.36\underline{8}$ _____

6) $79.5\underline{1}3$ _____

7) $1\underline{2}.6$ _____

8) $270.\underline{9}54$ _____

9) Diana measures the dimensions of her kitchen window as she plans to dress them with blinds. Find the place value of the digit 6, if the window is 44.56 inches long.

10) Vivian took 25.34 minutes to cover 5 laps around the park. What is the place value of the digit 3 in the given number?

Write the numbers **in words**.

(a) 34.012 =

(b) 129.57 =

(c) 67.89 =

(d) 1573.29 =

(e) 278.46 =

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1) Write the digit in thousandths place.

- a) 756.218 b) 3.672 c) 821.053 d) 46.809

2) Write the digit in ones place.

- a) 2.70 b) 13.586 c) 562.1 d) 309.14

3) Write the digit in hundreds place.

- a) 197.8 b) 823.40 c) 261.349 d) 594.1

4) Write the digit in tenths place.

- a) 423.16 b) 5.2 c) 235.46 d) 86.357

5) Write the digit in tens place.

- a) 729.85 b) 962.5 c) 80.403 d) 215.69

6) Write the digit in hundredths place.

- a) 473.529 b) 12.896 c) 3.602 d) 742.93

7) Write the digit in thousandths place.

- a) 387.215 b) 2.674 c) 92.561 d) 54.362

8) Write the digit in tenths place.

- a) 5.829 b) 67.208 c) 76.943 d) 123.567