

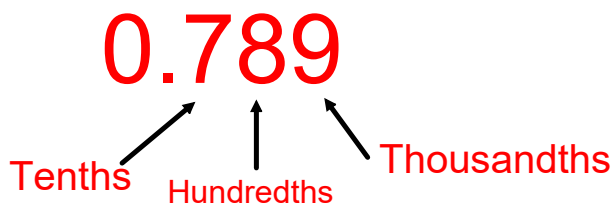
Warm-up INSTRUCTIONS

- Some of you have to finish your assignment - you will have 20 minutes to do this.
- For those of you who are done, there is a multiplication sheet for you to do.
- IF you do not finish the assignment in the 20 minutes, you will have to stay on Tuesday at lunch.

Sept 23

Decimals

- The place value becomes smaller as we go to the right of the decimal.



- We would read this decimal as "zero and seven hundred eighty nine thousandths"

1. Use a place-value chart to show each number.

a) 2.3425

b) 0.142 86

c) 0.0007

d) 0.000 298

2. Write the following in written form

a) 1.078

b) 0.9

c) 4.62

(a) one and seventy eight thousandths

(b) zero and nine tenths

(c) four and sixty two hundredths

3. Write the following in standard form

a) eight and ninety three hundredths

b) one and six hundred thousandths

c) zero and four tenths

(a) 8.93

(b) 1.600

(c) 0.4

4. Write the following in expanded form (we will do the first one together)

a) 0.945789

$$0.9 + 0.04 + 0.005 + 0.0007 + 0.00008 + 0.000009$$

b) 0.056

$$0.05 + 0.006$$

c) 3.43

$$3.00 + 0.4 + 0.03$$

d) 10.171

$$10 + 0.1 + 0.07 + 0.001$$

517

$$500 + 10 + 7$$

0.517

$$0.5 + 0.01 + 0.007$$

Homework - worksheet

2. Use the numbers in the table.

Write the number that has a 5 in:

- a) the ten-thousandths position
- b) the millionths position
- c) the thousandths position
- d) the hundred-thousandths position
- e) the tenths position

0.635 734
0.506 312
1.003 825
3.702 456
2.184 592

4. Write each number in standard form.

- a) 8 and 26 ten-thousandths
- b) 24 millionths
- c) 3 hundred-thousandths
- d) 4 and 374 millionths

5. Write each number in expanded form.

- a) 0.0056
- b) 0.000 49
- c) 3.000 023
- d) 0.348 619

6. Write a decimal that is between:

- a) 2.153 and 2.154
- b) 0.6534 and 0.6535

