NS5-98: Thousandths

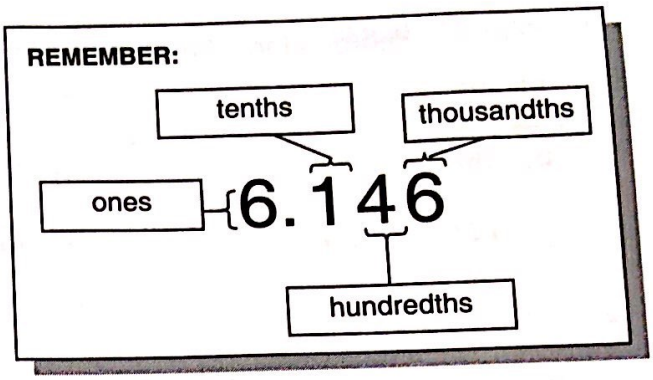
If a thousands cube is used to represent a whole number, then a hundreds block represents a tenth, a tens block represents a hundredth, and a ones block represents a thousandth of a whole.

1 whole

1 tenth

1 hundredth

1 thousandth



1. Beside each number, write the place value of the underlined digit.

a) 3.$\underline{8}$19 b) 9.78$\underline{2}$ c) 4.$\underline{5}$14

d) 7.15$\underline{9}$ e) $\underline{2}$.541 f) 3.89$\underline{8}$

2. Write the following numbers into the place value chart. The first one has been done for you.

	ones	tenths	hundredths	thousandths
a) 6.512	6	5	1	2
c) 2.83				
e) 1.763				
g) 9.02				
i) 4.081				

	ones	tenths	hundredths	thousandths
b) 4.081				
d) 1.306				
f) .53				
h) 8				
j) 2.011				

3. Write the following decimals as fractions.

a) .725 = b) .237 = c) .052 = d) .006 =

4. Write each decimal in expanded form.

a) .237 = 2 tenths + 3 hundredths + 7 thousandths

b) .523 = _____

c) 6.253 = _____

5. Write the following fractions as decimals.

a) $\frac{94}{100}$ = b) $\frac{5}{100}$ = c) $\frac{875}{1000}$ = d) $\frac{25}{1000}$ =

6. Compare each pair of decimals by writing < or > in the box.

HINT: Add zeroes wherever necessary to give each number the same number of digits.

a) .275 ☐ .273 b) .332 ☐ .47 c) .596 ☐ .7

d) .27 ☐ .123 e) .7 ☐ .32 f) .8 ☐ .526

NS5-99: Differences of 0.1 and 0.01

1. Fill in the blanks.

a) .64 + .1 = _____

b) .35 + .1 = _____

c) .06 + .1 = _____

d) .89 + .1 = _____

e) .73 + .01 = _____

f) .40 + .01 = _____

g) 4.23 + .01 = _____

h) 2.87 + .1 = _____

i) 11.95 + .01 = _____

2. Fill in the blanks.

a) _____ is .1 more than .7

b) _____ is .1 more than 2.6

c) _____ is .1 more than 1.32

d) _____ is .1 more than .63

e) _____ is .01 more than .35

f) _____ is .01 more than .2

3. Fill in the blanks.

a) 1.35 + _____ = 1.36

b) 2.3 + _____ = 2.4

c) 3.06 − _____ = 3.05

d) 4.95 − _____ = 4.94

e) 3.7 + _____ = 4.7

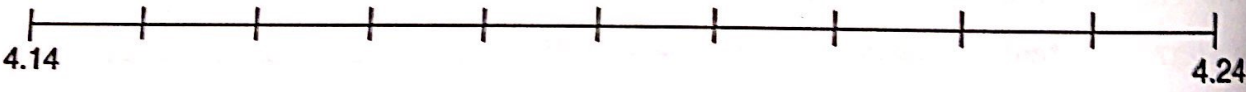
f) 7.85 + _____ = 7.95

4. Fill in the missing numbers on the number lines.

a)

b)

c)



5. Continue the patterns.

a) .2, .3, .4, _____, _____, _____

b) 6.6, 6.7, 6.8, _____, _____, _____

c) 3.5, 3.6, 3.7, _____, _____, _____

d) 9.6, 9.7, 9.8, _____, _____, _____

e) 4.71, 4.72, 4.73, _____, _____, _____

f) 5.96, 5.97, 5.98, _____, _____, _____

6. Fill in the blanks.

a) 3.9 + .1 = _____

b) 4.9 + .1 = _____

c) 8.93 + .1 = _____

d) 3.79 + .01 = _____

e) 6.09 + .01 = _____

f) 7.99 + .01 = _____