

Exercise 8

Directions: arrange these numbers from smallest to largest:

1) 7.8 8.7 8.2 7.96 8.014

2) 0.15 .01 .1 .0101 .001

3) 94 93.999 93.909 93.99901 94.0001

4) 16.83 16.38 16.3 16.8 16

5) 3.49 3.489 3.4899 3.48999 3.48989

Adding and Subtracting Decimal Numbers

When adding and subtracting decimal numbers, line up the decimal point of all the numbers. If a number does not show a decimal point, place one to the right of the whole number. You may add zeroes to keep the columns lined up.

Add 13.6 and 42.18

$$\begin{array}{r} 13.60 \\ + 42.18 \\ \hline 55.78 \end{array}$$

Add a zero

Add 1347 and .0005

$$\begin{array}{r} 1347.0000 \\ + .0005 \\ \hline 1347.0005 \end{array}$$

Add zeroes

Subtract 14.69 from 113.06

$$\begin{array}{r} 113.06 \\ - 14.69 \\ \hline 98.37 \end{array}$$

The wording here can be confusing. Notice how "subtract 14.69 from 113.06" means $113.06 - 14.69$

146 - 3.198

$$\begin{array}{r} 146.000 \\ - 3.198 \\ \hline 142.802 \end{array}$$

Add zeroes

Exercise 9

Directions: add or subtract the following

1)

$$\begin{array}{r} 8.7 \\ + 5.4 \\ \hline \end{array}$$

2) $74.906 + .01 + 42 =$

3) $8416 + .28 + 1.489 =$

4)

$$\begin{array}{r} 38.64 \\ - 8.87 \\ \hline \end{array}$$

5) $462 - 31.2 =$

6) $16.001 - 12.984 =$

7) $.1 + 1.9 + 13 =$

8) $20 - 14.8 - .018 =$

9) $6 + 132.89 =$

10) $346.8912 - 29.98764$

11)

$$\begin{array}{r} 11.00001 \\ - 1.11234 \\ \hline \end{array}$$

12)

$$\begin{array}{r} 1234. \\ - .1234 \\ \hline \end{array}$$

13) $124.8 + 3.79 - 118.965$

14) Subtract 6.8 from 14.2

15) Subtract 38.97 from 59

16) Add .001 to 87

17) Add 5000 to .0186

18)

$$\begin{array}{r} .40 \\ 3.80 \\ 26.91 \\ + 587.89 \\ \hline \end{array}$$

19)

$$\begin{array}{r} 143.012 \\ + 98.764 \\ \hline \end{array}$$

20) Subtract .001 from .01