

Decimals, Decimals, and More Decimals!

Helpful Hint: When working with decimals, always relate the problem to money!! Most of us understand money pretty well, so that may make the problem easier!

thousands	hundreds	tens	ones	"AND"	tenths	hundredths	thousandths	ten thousandths	hundred thousandths
				.					

Note: When reading decimals, say "and" in place of the decimal.

Write the following numbers:

- 1) six and eight tenths 6.8
- 2) forty-two and sixty-one thousandths 42.061
- 3) seventy and twelve hundredths 70.12
- 4) five ten-thousandths .0005

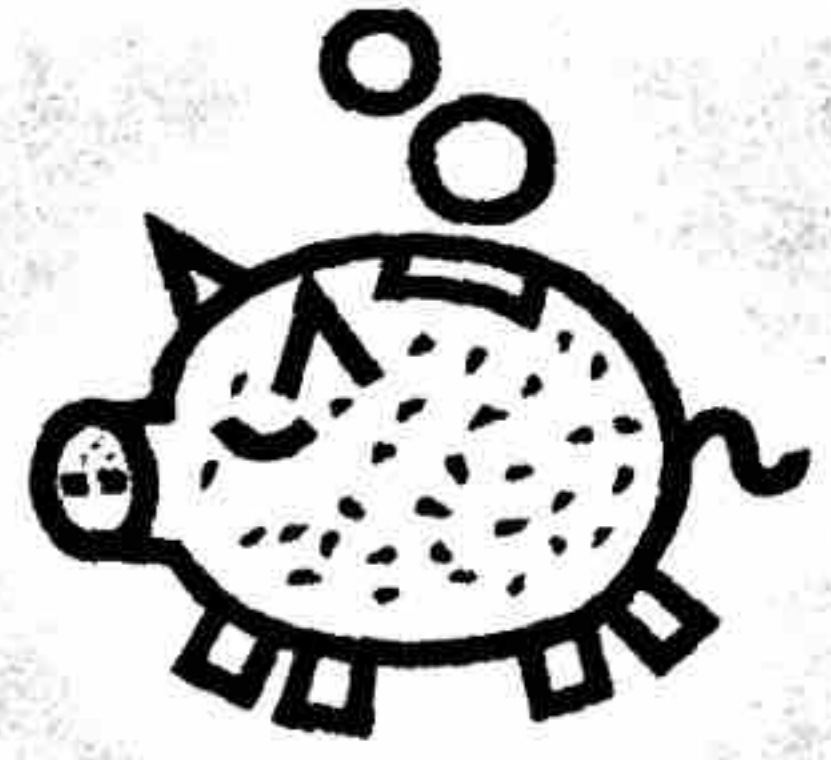
Adding and Subtracting Decimals

Steps:

- 1) Always line up the decimals !!!!
- 2) Fill in zeroes as placeholders at the end, especially if subtracting.
- 3) Add or subtract
- 4) Bring the decimal down.
- 5) Show your work! Check whether your answer is reasonable by estimating.

Try These!

- 1) $16.75 + 5.091$
21.841
- 2) $312.55 - 16.2$
296.35
- 3) $29.1 - 0.68$
28.42



4) Savannah spent \$11.50 at the movies, and Quianna spent \$12.75. If they paid together, using a \$50 bill, how much change did they receive?

$$\begin{array}{r} \$11.50 \\ + 12.75 \\ \hline \$24.25 \end{array}$$

$$\begin{array}{r} \$50.00 \\ - 24.25 \\ \hline \$25.75 \end{array}$$

They receive
\$25.75
as change.

KEY

More Practice with Adding and Subtracting Decimals:

5) $2.17 + 3.56$

5.73

6) $4.81 - 2.9$

1.91

7) $721.5 - 22.49$

699.01

8) $3.24 + 7.76$

11.00

OR

11

9) $14.83 - 2.91$

11.92

10) $5 - 1.3$

3.7

- 11) A family is having new counter tops installed in their kitchen. They need one side to be 10.75 feet long, but the counter tops come 12 feet long. How much needs to be cut off for it to fit?

The family will need to cut off 1.25 ft.

$$\begin{array}{r} 12.00 \\ - 10.75 \\ \hline 1.25 \end{array}$$