

Addition of Decimals

EXAMPLE $3 + 2.4 + 0.06 =$

Write this:

$$\begin{array}{r} 3 \\ 2.4 \\ + .06 \\ \hline 5.46 \end{array} \quad \text{OR} \quad \begin{array}{r} 3.00 \\ 2.40 \\ + 0.06 \\ \hline 5.46 \end{array}$$

$$4 + 0.35 + 1.082 =$$

Write this:

$$\begin{array}{r} 4.000 \\ 0.350 \\ + 1.082 \\ \hline 5.432 \end{array}$$

Helpful Hints

- Remember that the number 3 can be expressed as a decimal, that is, $3 = 3.0 = 3.00$.
- Remember that the decimal points must be lined up before you begin to add.
- Remember to place the decimal point in the sum as shown in the examples.
- Remember to place zeros in the addends to help with the addition.

Directions Add. Place zeros in the addends.

1.

$$\begin{array}{r} 8.12 \\ 2.76 \\ + .86 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 10.015 \\ 3.678 \\ 62.15 \\ + 6.1 \\ \hline \end{array}$$

7.

$$\begin{array}{r} 0.61 \\ 10.761 \\ 30.9456 \\ + 2.28 \\ \hline \end{array}$$

10.

$$\begin{array}{r} 2.76 \\ 32.071 \\ .2 \\ + 9.8862 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 3.01 \\ 5.615 \\ 84.059 \\ + 2.1912 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 3.150 \\ 10.6291 \\ 1.07 \\ + 4.48 \\ \hline \end{array}$$

8.

$$\begin{array}{r} 3.9 \\ .667 \\ .365 \\ + 101.2 \\ \hline \end{array}$$

11.

$$\begin{array}{r} 3.6 \\ .07 \\ 325.123 \\ + 9,065.1 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 6.1 \\ 90.15 \\ + 6.907 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 1.10 \\ 0.671 \\ 14.02 \\ + 6.792 \\ \hline \end{array}$$

9.

$$\begin{array}{r} 94.031 \\ 77.6 \\ 0.5721 \\ + 10 \\ \hline \end{array}$$

12.

$$\begin{array}{r} .059 \\ 306.761 \\ 88.98 \\ + 6.1 \\ \hline \end{array}$$

Directions Write these in the vertical form and add.

13. $1.1 + 4.09 + 7.011 =$ _____

16. $16.5 + .32 + 9 =$ _____

14. $16 + 1.7 + 3.965 =$ _____

17. $44.8 + 10 + 6.7 =$ _____

15. $6.6 + 0.2 + 10.51 =$ _____

18. $27.15 + 8.7 + 2 =$ _____



Computing Change

EXAMPLE

Jermaine paid for purchases of \$13.65 with a \$20.00 bill.
Compute his change.

Jermaine's change was one dime, one quarter one \$1.00 bill,
and one \$5.00 bill.

Do not give more than

1 nickel
2 dimes
3 quarters
4 pennies
4 \$1.00 bills, or
1 \$5.00 bill

Directions Compute the change for each of these purchases.
The answer to Number 1 is 1 quarter.

	Purchase Price	Cash	Change
1.	\$9.75	\$10	_____
2.	\$3.42	\$5	_____
3.	\$19.15	\$20	_____
4.	\$5.00	\$10	_____
5.	\$6.13	\$10	_____
6.	\$14.26	\$20	_____
7.	\$17.91	\$18	_____
8.	\$8.09	\$10	_____
9.	\$14.76	\$15	_____
10.	\$8.19	\$10	_____
11.	\$8.92	\$9	_____
12.	\$6.58	\$20	_____
13.	\$10.96	\$20	_____
14.	\$8.10	\$20	_____
15.	\$5.38	\$20	_____
16.	\$2.21	\$5	_____

