

Adding Decimals

Example:

$$0.32 + 12.965 + 1.1$$

Line up
the
decimal
points

$$\begin{array}{r} 0.320 \\ 12.965 \\ + 1.100 \\ \hline 14.385 \end{array}$$

'Pad'
with
zeros

Example:

$$51 + 14.02 + 2.1$$

$$\begin{array}{r} 51.00 \\ 14.02 \\ + 2.10 \\ \hline 67.12 \end{array}$$

Change
whole
number to
decimal

Subtracting Decimals

Example:

$$13.8 - 1.27$$

Line up
the
decimal
points

$$\begin{array}{r} 13.80 \\ - 1.27 \\ \hline 12.53 \end{array}$$

'Pad' with
zeros and
subtract

A. Study the table below to find the answer. Write the answer in the box.

Group 1	
Name	Distance
John	10.68 m
Mary	11.2 m
Jim	8.759 m

Group 2	
Name	Distance
Lisa	9.993 m
Carol	7.1 m
Mike	12.87 m

Two groups of sixth graders had a softball throwing contest.
The tables show how far each pupil threw the ball.

1) How much farther did John throw than Lisa?

 m

2) What is the total distance of Group 2?

 m

3) What is the difference between the farthest
and the nearest throw in Group 1?

 m

The group with the greater total distance won.

4) Which group has the highest total distance?

Group

5) By how did that group win?

 m

B. Read each problem carefully. Write the answer in the box.

- 1) The trail to the top of Mt. Apo is 10.8 km long. After 2 hours, Xian had hiked 7.75 km. How much further is he to the top?

Answer:

km

- 2) At a sale, Melissa bought a make-up kit for ₱112.90, a pair of shoes for ₱304.45, and a bag for ₱289.75.

How much did she spend in all?

₱

How much was her change after paying the cashier ₱1,000 bill?

₱

- 3) Mia saved her allowance to buy a birthday gift for her sister. She saved ₱250 on the first week, ₱175.25 on the second week, and ₱310.75 on the third week.

How much did she save for 3 weeks?

₱

Is her savings enough to buy a gift worth ₱758.65? (Yes or No)