

Name: ..... Class: .....

Adding Subtracting Multiplying And Dividing Decimals Word Problems

a.

Mr. Noah bought 73,303.69 shares of stock in an oil company for \$16.44 each.

To the nearest cent, what was the cost of all the shares?

b.

Lucy was asked to calculate the following on a math test.  
subtract 985,454,091.34 from 94,500,653.99

c.

A basket of cherries weighs 80.04 kilograms and a basket of apples weighs 18.10 kilograms.

How much more does a basket of cherries weigh than a basket of apples?

d.

A laptop costs \$1,997.78 in a store, and the same laptop costs \$1,456.11 online.

How much more does the laptop in the store cost than the one online?

e.

If Simon weighs 110.77 pounds, Aton weighs 49.08 pounds and Peyton weighs 81.99 pounds.

How much heavier is Simon than Aton?

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a. Amount of shares Mr. Noah bought = 73,303.69

Cost of each share = \$16.44

Therefore, cost of all the shares =

amount of shares Mr. Noah bought × cost of each share

$$73303.69 \times 16.44 = ?$$

Let's multiply 73,303.69 × 16.44

How do you multiply decimals numbers?

First multiply numbers as whole numbers

Then count numbers of digits after the dot and move the dot to the result at the right position.

$$73,303.69 \times 16.44 = 1205112.6636$$

The cost of all the shares was \$1,205,112.66.

b. 985,454,091.34 minus 94,500,653.99 is 890,953,437.35.

c. The basket of cherries weighs more 61.94 kilograms than the basket of apples.

d. The laptop cost \$541.67 more in the store than online.

e. Simon weighs 61.69 pounds more than Aton.