

Name: Class:

Add and subtract decimal numbers - word problems

- a. Leila went to the market to buy some fruits for dinner. She bought fruits for **\$2.75** and paid with a **\$10.00** note. How much change will she receive?
- b. Jessie weighs **57.20 kg**. Her sister, Jade weighs **13.3 kg** more than Jessie. What is the weight of Jade?
- c. In the men's long jump at the Olympics, James jumped **8.90 m**. Mike, another competitor jumped **9.85 m** further than James. How far did Mike jump than James?
- d. Yesterday, Paul, Kim and his friends visited a fruits farm . They picked **25.34 pounds** of oranges, **35.12 pounds** of apples and **17.56 pounds** of grapes. How much did all the fruits weight?
- e. Mirabel took 196 seconds to complete the race while Charles took 4.05 minutes to complete the same race. How many more minutes did Charles take to complete the race after Mirabel had completed the race?
- f. A bag contains 205.78 kilograms of potatoes. Another bag contains 78,690 grams of apples. To the nearest hundredth, what is the total weight of all the bags in kilograms?
- g. Yesterday, Adam downloaded three game apps. The first app was 5.12 kilobytes, the second app was 25.09 kilobytes, and the last app was 12.92 kilobytes. How many kilobytes were the three apps?
- h. Luca's total income for the past two years was \$173,275.58. If one of the year's incomes was \$92,824.56, what was the other year's income?

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a. Leila went to the market to buy some fruits for dinner. She bought fruits for **\$2.75** and paid with a **\$10.00** note. How much change will she receive?

- ▶ Cost of fruits: **\$2.75**
- ▶ money paid: **\$10.00**

Leila received a change of **\$7.25**.

Subtraction

10.00
- 2.75
7.25

- b. Therefore, Jade weighs **70.50 kg**.
- c. Mike jumped **0.95 m** than James.
- d. The fruits weighed **78.02 pounds**
- e. So, it took Charles more **0.78 minutes** to complete the race after Mirabel had completed the race.
- f. So, the total weight of all the bags is **284.47kg**.
- g. So, the three apps were **43.13 kilobytes** in total.
- h. So, the other year's income was **80,451.02**.