

Worksheet

Name: _____

Show work for all questions.

1) Find the sum or difference

a) $2.876 - 0.975$

b) $71.382 + 6.357$

c) $125.12 + 37.84$

d) $9.7 - 1.36$

2) The tallest mountain in the world is Mount Everest which is about 8.848 km above sea level. The tallest mountain in Canada is Mount Logan and is about 5.96 km above sea level. What is the difference in the heights of the mountains?

3) Four classes for students from Kim's school is planning a field trip. The total cost of the trip is \$1067.50.

to date the class raised \$192.18, \$212.05, \$231.24, \$183.77.

a) How much money have the classes raised so far?

b) How much more money do the classes need to raise in total?

4) A baker wants to make 3 different kinds of chocolate chip cookies. The recipes calls for 2.75 kg, 4.4 kg, and 5.55 kg of chocolate chips. The baker has 10.5 kg of chocolate chips.

a) How many kilograms of chocolate chips does the baker need?

b) Does the baker have enough chocolate chips to make the cookies?

c) The baker wants to follow the recipes exactly. If your answer to part b is no, how many more kilograms of chocolate chips are needed? If your answer to part b is yes, how many kilograms of chocolate chip will the baker have left over?

5) Calculate $4.671 + 3.9 + 0.875$

6) The Jardine family and the Hallihan family have similar homes. The Jardine family sets its thermostat at 20°C during the winter months. Its monthly heating bills were: \$171.23, \$134.35, and \$123.21. The Hallihan family used a programmable thermostat to lower the temperature at night, and during the day when the family was out. The Hallihan family's monthly heating bills were: \$134.25, \$103.27, and \$98.66.

a) How much money did each family pay to heat its home during the winter months?

b) How much more money did the Jardine family pay?