Warm-up

•
$$6 \times 1 = 6$$

•
$$6 \times 2 = 12$$

•
$$6 \times 3 = 8$$

•
$$6 \times 4 = 24$$

•
$$6 \times 5 = 30$$

•
$$6 \times 6 = 36$$

•
$$6 \times 7 = 42$$

•
$$6 \times 8 = 48$$

•
$$6 \times 9 = 54$$

•
$$6 \times 10 = 6$$

•
$$6 \times 11 = 66$$

•
$$6 \times 12 = 72$$

Front-End Estimation

-Another form of estimating

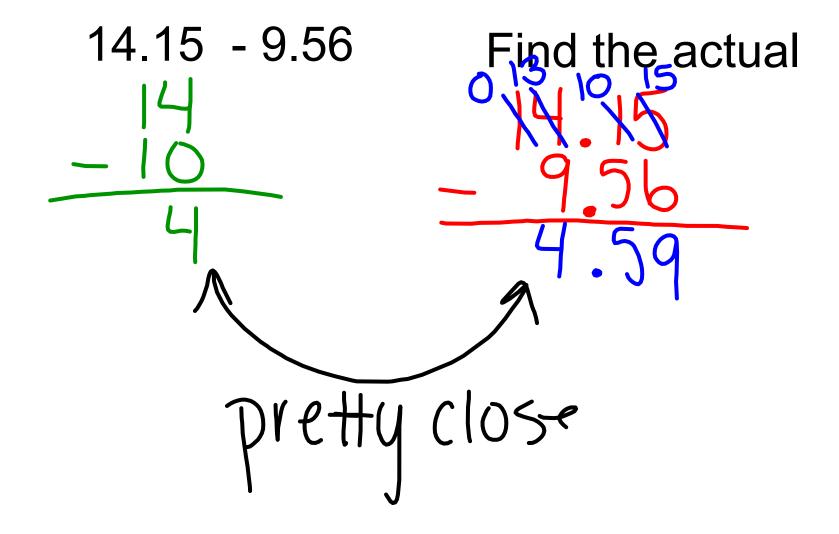
-We just cut off the decimal part and use the numbers in front of decimal and add or subtract.

Ex)

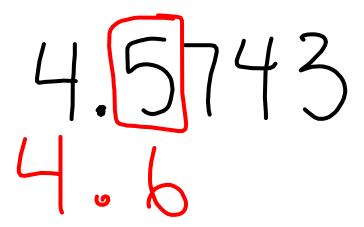
https://www.you tube.com/watch? v=5C4rEI24JAc

We will just use cut off the decimal

Estimate the difference



ttps://www.youtube.com/watch?v=P7ozJW8LSxw

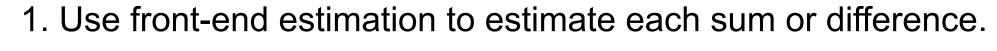


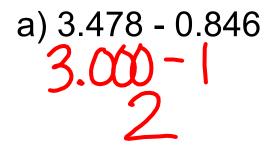
Round each number to the nearest tenth.

$$6) \qquad 3.46 \times 3.5$$

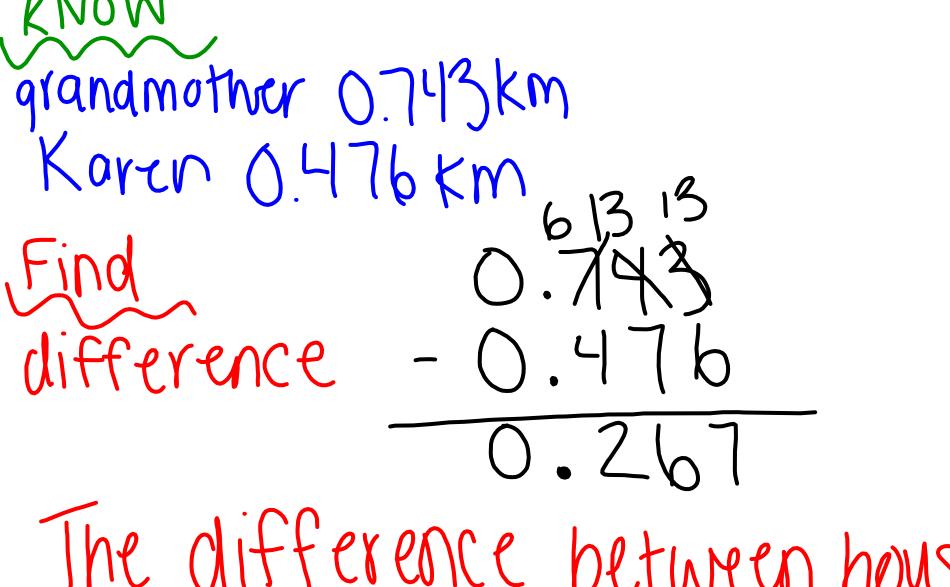
5)

Round each decimal to the nearest whole number





2) Tim travels the same road to get to his grandmothers house and his friend Karen's house. If the distance from Tim's house to his grandmother's house is 0.743 km and the distance from Karen's house to Tim's house is 0.476 km, then what is the difference in the distance from Karen's house to Tim's Grandmothers



The difference between houses is 0.267 Km

- 3) Four classes of students at Blackville are planning a trip. The total cost is \$2048.50. To date the classes have raided: \$376.15, \$424.05, \$231.24, \$376.75.
- 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 chef is preparing 3 different types of pasta dishes. The recipes require 1.8 kg, 3.25 kg, and 4.6 kg of pasta. The chef has 8.5 kg of pasta available.
- a) How many kilograms of pasta does the chef need in total? Estimate to check if your answer is reasonable.
- b) Does the chef have enough pasta to make all the dishes? How can you tell?
- c) If the chef wants to follow the recipes exactly, and your answer to part b is no, how many more kilograms of pasta are needed? If your answer to part b is yes, how much pasta will be left over?

