3.5 Dividing Decimals by a Whole Number

Step 1: Set up equation as long division ignoring the decimal.

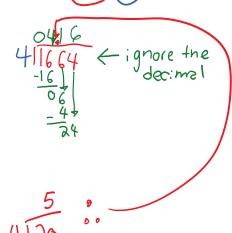
Step 2: Solve using long division.

Step 3: Estimate using benchmarks to round.

(Remember numbers less than 4 round down, numbers 5 and greater round up).

Step 4: Use your estimate to appropriately place the decimal.

Ex. Divide 16.64 by 4



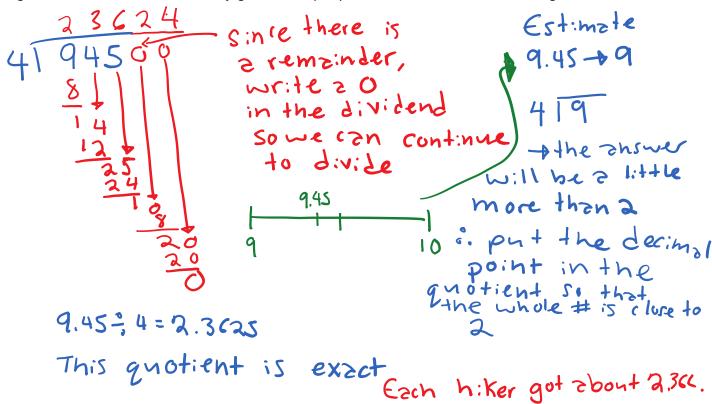
Ex. Jacob paid \$52.48 to get 4 new shirts. How much did each shirt cost?

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Name:	Div:	Date:

3.6 Dividing Decimals: Exact and Approximate Quotients

Eg. Four hikers want to share 9.45-L jug of water equally. How much water will each hiker get?



Eg. One morning, the hikers travelled 10.4 km in 3 hours. About how far did the hikers travel in 1 hr?