

Word Problem HELP!!

Add	Subtract	Multiply	Divide
Sum And Increase All together Total Ascend Gain Up Deposit	Difference Decrease Loss How many more Descend Drop Off Down Withdraw	Product Times *Each *Per Of *(when finding a total ex: each pencil cost \$.50, how much for 5 pencils?)	Quotient Split Equally *Each *Per Average *(when finding one of something ex: you drove 500 miles in 10 hours, how many miles did you drive per hour?)

Dividing help:

Money always goes IN the box

Ex: It costs \$20 for 4 books of the same price. What is the price of each book?

$$4 \overline{)20}$$

Whatever comes after the word per or each goes OUTSIDE the box

Ex: 500 miles in 10 hours, how many miles did you drive per hour?

$$\text{Miles per hour} = \text{miles} \div \text{hour} = \text{hour} \overline{) \text{miles}}$$

If fractions in a word problem are confusing, reread the problem substituting in whole numbers for the fractions. The operation you need to use to solve the problem may become more obvious.

Try to estimate what your answer should be (bigger? smaller?) before solving the problem.

Reread the problem with your solution to see if the answer makes sense.

Don't forget your integer rules!

Draw a picture, bar diagram (fractions), or number line to help you solve the problem.

Bar diagram: the entire bar represents the total amount. Divide the bar into the number of sections as the denominator in the fraction. Divide the total by the denominator to get the value of each section of the bar. Add up how many sections are in the numerator to solve the problem. Ex: $\frac{3}{5}$ of the total price \$200

200 =



$$200 \div 5 = 40 \text{ per section}$$

$$\frac{3}{5} \text{ of } 200 = 40 + 40 + 40 = 120$$