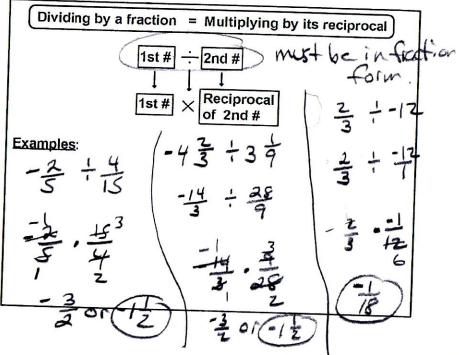
Accelerated Math Notes (Section 3.4) Division of Rational Numbers

Two numbers whose product is one are called <u>multiplicative</u> inverse or <u>reciprocals</u>.

Examples:

More Examples:

Subtraction = Adding the opposit



Word Problems:

1) A car gets $40^{\frac{1}{2}}$ mpg. How many gallons are needed to 4 travel 324 miles?

2) How many $2\frac{1}{2}$ inch lengths can be cut from 1 yard of ribbon?

3) Jon has a board that is $8\frac{1}{4}$ feet long. He wants to cut it into 6 equal lengths. How long will each piece be?