

OP G Recognize division is the inverse of multiplication and vice versa

Grade	Curriculum Expectations
5	describe multiplicative relationships between quantities by using simple fractions and decimals (e.g., "If you have 4 plums and I have 6 plums, I can say that I have $\frac{3}{2}$ or 1.5 times as many plums as you have.");
6	<ul style="list-style-type: none"> determine and explain, through investigation using concrete materials, drawings, and calculators, the relationships among fractions, decimal numbers, and percents.
7	<ul style="list-style-type: none"> divide whole numbers by simple fractions and by decimal numbers to hundredths, using concrete materials;
7	<ul style="list-style-type: none"> determine, through investigation, the relationships among fractions, decimals, percents, and ratios;
8	<ul style="list-style-type: none"> use estimation when solving problems involving operations with whole numbers, decimals, percents, integers, and fractions, to help judge the reasonableness of a solution;
8	<ul style="list-style-type: none"> represent the multiplication and division of fractions, using a variety of tools and strategies;
8	<ul style="list-style-type: none"> solve problems involving addition, subtraction, multiplication, and division with simple fractions.
9D	<ul style="list-style-type: none"> simplify numerical expressions involving integers and rational numbers, with and without the use of technology;
9D	<ul style="list-style-type: none"> solve problems requiring the manipulation of expressions arising from applications of percent, ratio, rate, and proportion;
9D	<ul style="list-style-type: none"> determine, through investigation, various formulas for the slope of a line segment or to determine the slope of a line segment or a line;
9D	<ul style="list-style-type: none"> identify, through investigation, properties of the slopes of lines and line segments (e.g., direction, positive or negative rate of change, steepness, parallelism, perpendicularity), using graphing technology to facilitate investigations, where appropriate
9P	<ul style="list-style-type: none"> solve problems requiring the expression of percents, fractions, and decimals in their equivalent forms