

Math 6: Ratios and Proportional Relationships, PERCENTS

Unit Overview – Ratios and Proportional Relationships: Percent and Measurement (RP)

Students understand ratio concepts and use ratio reasoning to solve problems. They use reasoning about multiplication and division to solve ratio and rate problems about quantities involving **percents** and measurement units. They can also use their understanding of equations to begin to solve some problems. Thus students expand the scope of problems for which they can use multiplication and division to solve problems, and they connect ratios and fractions. Students solve a wide variety of problems involving ratios and rates.

6.RP.A.3	Use ratio and rate reasoning to solve real-world and mathematical problems, e.g. by reasoning about tables of equivalent ratios, tape diagrams, double number lines, or equations.
6.RP.A.3c	Find the percent of a quantity as a rate per 100; solve problems involving finding the whole, given a part and the percent.
6.RP.A.3d	Use ratio reasoning to convert measurement units; manipulate and transform units appropriately when multiplying or dividing quantities.