Unit 3 Ratios & Proportional Relationships

Standard Code	Mastery Level	Standard
RP.1		I can compute unit rates with ratios of fractions, including lengths, area, and different units.
		I can apply fractional ratios to describe rates; for example, if a person walks ½ mile in each ¼ hour, the unit rate is the complex fraction (½)/(¼) miles per hour or 2 miles per hour.
RP.2a		I can determine whether two quantities are proportional from either a table or graph.
RP.2b		I can define constant of proportionality as a unit rate.
		I can identify the unit rate in tables, graphs, equations, diagrams, and verbal descriptions.
RP.2c		I can represent proportional relationships by writing equations.
RP.2d		I can explain what (0, 0) represents on the graph of a proportional relationship.
		I can recognize what (1, r) on a graph represents, where r is the unit rate.
		I can explain what the points on a graph of a proportional relationship means in terms of a specific situation.
RP.3		I can recognize situations in which percentage proportional relationships apply.
		I can apply proportional reasoning to solve multi-step ratio and percent problems, including simple interest, tax, markups, markdowns, tips, commissions, and fees
G.1		I can use ratios and proportions to create scale drawings.
		I can identify corresponding sides of scaled geometric figures.
		I can compute lengths and areas from scale drawings using strategies such as proportions.
		I can solve problems involving scale drawings of geometric figures using scale factors.
		I can reproduce a scale drawing that is proportional to a given geometric figure using a different scale.