



Topic D:

Percent

6.RP.A.3c

Focus Standard:	6.RP.A.3c	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 line diagrams, or equations. c. Find a percent of a quantity as a rate per 100 (e.g., 30% of a quantity means 30/100 times the quantity); solve problems involving finding the whole, given a part and the percent.
Instructional Days:	6	
	Lesson 24:	Percent and Rates per 100 (P) ¹
	Lesson 25:	A Fraction as a Percent (P)
	Lesson 26:	Percent of a Quantity (P)
	Lessons 27–29:	Solving Percent Problems (P, P, E)

In the first lesson of Topic D, students are introduced to percent and find percent of a quantity as a rate per 100. Students understand that N percent of a quantity has the same value as $\frac{N}{100}$ of that quantity. In Lessons 24 and 25, students express a fraction as a percent and find a percent of a quantity in real-world contexts. In Lessons 26–28, students learn to express ratio using the language of percent and to solve percent problems selecting from familiar representations, such as tape diagrams and double number line diagrams or combinations of both (**6.RP.A.3c**).

¹ Lesson Structure Key: **P**-Problem Set Lesson, **M**-Modeling Cycle Lesson, **E**-Exploration Lesson, **S**-Socratic Lesson