

Standards

Printer Friendly Version

- Subject Area

[CC.2: Mathematics](#)

- Standard Area

[CC.2.1: Numbers and Operations](#)

- Grade Level

[CC.2.1.6: GRADE 6](#)

- Standard

[CC.2.1.6.D.1: Understand ratio concepts and use ratio reasoning to solve problems.](#)

- Assessment Anchor

[M06.A-R.1: Understand ratio concepts and use ratio reasoning to solve problems.](#)

- Anchor Descriptor

[M06.A-R.1.1: Represent and/or solve realworld and mathematical problems using rates, ratios, and/or percents.](#)

- Eligible Content

[M06.A-R.1.1.1: Use ratio language and notation \(such as 3 to 4, 3:4, 3/4\) to describe a ratio relationship between two quantities. Example 1: “The ratio of girls to boys in a math class is 2:3 because for every 2 girls there are 3 boys.” Example 2: “For every five votes candidate A received, candidate B received four votes.”](#)

- Eligible Content

[M06.A-R.1.1.2: Find the unit rate a/b associated with a ratio a:b \(with \$b \neq 0\$ \) and use rate language in the context of a ratio relationship. Example 1: “This recipe has a ratio of 3 cups of flour to 4 cups of sugar, so there is \$\frac{3}{4}\$ cup of flour for each cup of sugar.” Example 2: “We paid \\$75 for 15 hamburgers, which is a rate of \\$5 per hamburger.”](#)

- Alternate Eligible Content

[M06.A-R.1.1.2a: Identify the ratio that matches a given statement and/or representation.](#)

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- Eligible Content

[M06.A-R.1.1.3: Construct tables of equivalent ratios relating quantities with whole-number measurements, find missing values in the tables, and/or plot the pairs of values on the coordinate plane. Use tables to compare ratios.](#)

- Eligible Content

[M06.A-R.1.1.4: Solve unit rate problems including those involving unit pricing and constant speed. Example: If it took 7 hours to mow 4 lawns, then at that rate, how many lawns could be mowed in 35 hours? At what rate were lawns being mowed?](#)

- Alternate Eligible Content

[M06.A-R.1.1.4a: Solve a 1-step real-world problem given the unit rate.](#)

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- Eligible Content

[M06.A-R.1.1.5: Find a percent of a quantity as a rate per 100 \(e.g., 30% of a quantity means \$\frac{30}{100}\$ times the quantity\); solve problems involving finding the whole, given a part and the percentage.](#)

- Alternate Eligible Content

M06.A-R.1.1.5a: Calculate a percent of a quantity as a rate per 100.

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