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Resource ID#: 42471

Primary Type: Problem-Solving Task

## Tax and Tip

After eating at your favorite restaurant, you know that the bill before tax is \$52.60 and that the sales tax rate is 8%. You decide to leave a 20% tip for the waiter based on the pre-tax amount. How much should you leave for the waiter? How much will the total bill be, including tax and tip?

**Tax and Tip (Microsoft Word):** This file includes the task and related information in Microsoft Word format.

**Tax and Tip (PDF):** This file includes the task and related information in PDF format.

### General Information

**Subject(s):** Mathematics

**Grade Level(s):** 7

**Intended Audience:** [Educators](#), [Students](#), [Parents](#)

**Instructional Time:** 5 Minute(s)

**Freely Available:** Yes

**Keywords:** Tax and Tip, tax, tip, ratio, percent, cpalms, icpalms, illustrativemathematics.org, illustrative mathematics, tasks, mathematics, math, Florida standards, resource, free, freely available, problems-based learning, student activities, total cost

**Instructional Component Type(s):** [Problem-Solving Task](#)

**Resource Collection:** Illustrative Mathematics

### Source and Access Information

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**District/Organization of Contributor(s):** FSU Lab School

**Is this Resource freely Available?** Yes

**Access Privileges:** Public

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### Aligned Standards

Name	Description
<a href="#">MAFS.7.RP.1.3:</a>	Use proportional relationships to solve multistep ratio and percent problems. Examples: simple interest, tax, markups and markdowns, gratuities and commissions, fees, percent increase and decrease, percent error.