Tipping

Percents, multiplication, division, addition

A tip (also called a gratuity) is a payment made to certain service workers in addition to the price of the service. The amount of a tip is usually calculated as a percentage of the transaction before taxes. Some of the people we tip are taxi drivers, waiters, hair dressers or barbers. Below are some guidelines for how much to tip:

Hair dresser or barber: 15%

Food delivery: 10%

Waiter: 15% – 20% (depending on service)

Bartender: 15% – 20% (depending on service)

Taxi: 15%

Example: The Trey family went out for dinner. Their total bill before taxes came to

$56.89. They want to give a 15% tip.

Problem: How much should they tip the waiter? Round your answer to the nearest dollar.

Solution: Step 1: Convert 15% into a decimal: 0.15

Step 2: Multiply $56.89 x .15 = $8.53

Step 3: Round off to nearest dollar: $9.00

Your Answer: The Trey family should leave $9.00 for their waiter.

Part 1: Finish filling in the following table. Remember that your tip should be calculated before taxes. Round to the nearest cent. The first one is done for you.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Original Bill  BEFORE TAX | | Tip % | Tip | Add Sales Tax (5%) | Total |
| 1. | $10.00 | 15% | $1.50 | $.50 | $12.00 |
| 2. | $23.50 | 20% | $4.70 | $1.18 | $29.38 |
| 3. | $46.78 | 15% | $7.02 | $2.34 | $56.14 |
| 4. | $56.32 | 20% | $11.26 | $2.82 | $70.40 |
| 5. | $18.00 | 15% | $2.70 | $.90 | $21.60 |
| 6. | $7.50 | 15% | $1.13 | $.38 | $9.01 |

Part 2: Calculate the tip for the following situations. Use the tipping guide below:

Hair dresser or barber: 15%

Food delivery: 10%

Waiter: 15% – 20% (depending on service)

Bartender: 15% – 20% (depending on service)

Taxi: 15%

1. Helen got her hair cut and colored. It cost $105 before taxes. How much should Helen leave as a tip? Round your answer to the nearest dollar.
2. Pat took a taxi to the hospital for an appointment. It cost $9.85. How much should she give for a tip? Round your answer to the nearest dollar.
3. Wayne ordered a pizza that cost $15.99. How much should he give the pizza delivery person? Round your answer to the nearest 50 cents.
4. The Campbells went out for dinner. Their bill came to $92.59. How much money should they leave all together assuming that they give a 20% tip? Round your answer to the nearest dollar.
5. Jeff went out for lunch. His bill came to $22.50 before taxes. He was not that pleased with the service so he decided to leave only a 10% tip. How much did he have to pay for lunch including sales tax (5%) and tip? Round your answer to the nearest cent.