

1. In total they earned \$2,220. They put 30% away in their savings account. They then divided the rest of the money proportionally based on the number of hours worked. How much money did Tom earn?

Name	Hours Worked
Tom	$16\frac{1}{4}$
Danny	$14\frac{1}{4}$
John	$16\frac{1}{2}$

2. Danielle went to Chili's with her friends for dinner. Her bill was \$130, which included an 8.5% tip. How much was her bill before tax was added?

3. Sara went to dinner with her mom. After dinner her mom left a \$22 tip, which was 18% of their total bill. How much was their bill before tip was added?

4. Mike offered a salesperson \$1,200 for a couch. The offer included a 9% tax. How much was the couch before tax was added?

5. A store purchased a TV for \$650 and sold it for 60% more than the original price. The customer was then charged an 8.5% tax. How much did the customer pay for the TV?

6. Mary receives an 8% commission on every car she sells. The dealership paid \$30,000 for a car from an auction. The next day they listed the car for 30% more than their purchase price. After a few days on the lot a customer negotiated a deal for 6% off the list price. How much did the customer pay for the car? How much did Mary make?

## Answer Sheet

1. \$537.29
2. \$119.82
3. \$122.22
4. \$1,100.92
5. \$1,128.40
6. \$36,660
  - a. Commission = \$2,932.80

1. In total they earned \$3,220. They put 25% away in their savings account. They then divided the rest of the money proportionally based on the number of hours worked. How much money did Tom earn?

Name	Hours Worked
Tom	$18\frac{1}{4}$
Danny	$17\frac{1}{4}$
John	$18\frac{1}{2}$

2. Danielle went to Chili's with her friends for dinner. Her bill was \$230, which included an 9.5% tip. How much was her bill before tax was added?

3. Sara went to dinner with her mom. After dinner her mom left a \$42 tip, which was 28% of their total bill. How much was their bill before tip was added?

4. Mike offered a salesperson \$3,200 for a couch. The offer included a 7% tax. How much was the couch before tax was added?

5. A store purchased a TV for \$1650 and sold it for 40% more than the original price. The customer was then charged an 8.5% tax. How much did the customer pay for the TV?

6. Mary receives an 9% commission on every car she sells. The dealership paid \$40,000 for a car from an auction. The next day they listed the car for 40% more than their purchase price. After a few days on the lot a customer negotiated a deal for 8% off the list price. How much did the customer pay for the car? How much did Mary make?

## Answer Sheet

1. \$816.18
2. \$210.05
3. \$150
4. \$2,990.65
5. \$2,506.35
6. \$51,520
  - a. Commission = \$4,636.80