

Ratios and Proportions Worksheet 3

1. A pound of grapes at Shop-Smart costs \$3.29, and a half a pound of grapes at Shop-Smarter costs \$1.25. How much cheaper is the half-pound of grapes per ounce? (There are 16 ounces in a pound.)
2. Lawd & Taylor are selling all skinny jeans at 15% off and all hoodies at 20% off. You buy three skinny jeans originally priced at \$40 each and two hoodies originally priced at \$25. How much money did you spend?
3. In the Triumph dealership, 60% of the motorcycles are black. If there are 180 black motorcycles at the dealership, what is the total number of motorcycles?
4. Ted found 120 pints of Jen & Berry's ice cream in his very large freezer. Of those 120 pints, 46% were Grubby Bubby, 13% were Chocolate Chip Cookie Dough, 21% were True Mud, and the rest were Peppermint Crunch. How many pints of Peppermint Crunch were in Ted's freezer?
5. There were 18 cows and 22 buffalo grazing on organic grass. What percent of the animals were buffalo?
6. A legendary creature called the Sandwich Savage ate 25% of the sandwiches at a picnic. If he ate 28 sandwiches, how many sandwiches were at the picnic to begin with?
7. You can purchase the world's largest made-to-order burger called the Jumbo Chumbo Burger. The post-cooking weight of this burger is 294 pounds. If there are 16 ounces in a pound, how many ounces is the Jumbo Chumbo Burger? If 2.2 pounds is 1 kilogram, how many kilograms is the Jumbo Chumbo Burger?
8. Each dairy cow in the U.S. produces an average of 25 quarts of milk per day. Given that there are 4 quarts in a gallon, how many gallons of milk does a cow produce?
9. A Honda can drive 520 miles on its 12-gallon tank of gas. A Ford can drive 680 miles on its 15-gallon tank. A Toyota can go 900 miles on 18 gallons of gas. Which is the most fuel-efficient and by how much? If a gallon of gas costs \$3.09, how much money will you spend on gas on a 600-mile trip if you drive the most efficient car?
10. The table shows the cost of food at Tippy Tacos, a fine dining establishment. Some of the prices have been scratched off, though. Find the cost per taco, use it to fill in the missing values in the table. Graph the values in the table as ordered pairs, and use the graph to find the number of tacos we can buy with \$24.

Tacos	Cost
1	
2	\$4.80
	\$14.40
12	