

Math 6 Unit 3
Unit Rates and Percentages
Extra Practice Problems

1.Circle the larger unit of measure: kilometer or yard	2.Circle the larger unit of measure: quart or gallon
3.Mitchell brings 4 quarts of punch to a party. How many cups is that? (4 cups = 1 quart)	4.Jada brings ten 16 ounce packages of M&M's to school for a science lab. How many pounds is that? (16 ounces = 1 pound)
5.A cheetah can run 120km per hour. If you were driving 100 miles per hour, who is faster you or the cheetah?	6.The Empire State Building is 381 meters tall. The One World Trade Center is 1776 feet tall. Which is taller? (1 meter \approx 3 feet)
7.If 15 books is 25% of the classroom library. Draw a double number line or tape diagram to show 5%, 50%, 75%, and 100%.	8.The Rodriguez family went out to dinner and the bill came to \$35.85. They wanted to leave a 20% tip. What is the tip? What is the total amount the Rodriguez family spent at the restaurant?

Math 6 Unit 3
Unit Rates and Percentages
Extra Practice Problems

9. While shopping at your favorite clothing store you spot a pair of shoes you love. You notice that they are on sale for 30% off. The cashier tells you the subtotal without tax is \$56. What was the original price?

10. Best Buy is selling a laptop computer for \$289 and is on sale for 20% off. You are comparing this same laptop to Amazon who will ship this laptop to you for free and is selling it for \$245. Which is provide you the cheapest price ?