

Name: _____

Unit 5 Study Guide

****Students will be able to use a calculator for this test****

1.) A puppy weighs 8 pounds, how many ounces does it weigh?

2.) Hannah went to the store and bought some groceries. An apple cost \$1.40, a pack of ground turkey cost \$5.10, a case of soda cost \$6 and a box of cereal cost \$4. What was the total amount of money Hannah spent? ***Remember to line up your decimals when adding, or if you are using a calculator, remember to type in the decimals!***

3.) Rebecca wants to buy $1\frac{1}{2}$ ounces of coffee beans. An ounce of coffee beans costs \$1.20. How much will it cost her to buy the amount of beans she wants?

4.) Using the information in question number 3- if Rebecca pays for the coffee beans with a \$5 bill, how much change will she receive?

5.) Gregory is building a brick wall around his square garden for decoration. Which formula could be used to find out how much brick he needs? ***remember a letter in an equation is called a variable-it represents a number...don't be scared of it! ☺***

A.) $A = L \times W$ B.) $P = 4 + b$ C.) $A = 4 \times 5$ D.) $P = 4 \times b$

6.) A baby girl weighs 144 ounces and a baby boy weighs 8 pounds. How many more pounds does the baby girl weigh than the baby boy? ***Remember, convert the ounces to pounds, then compare! Use a calculator to help***

7.) A rectangle has a **perimeter** of 50 feet. Which of the following dimensions could be this rectangle?

A.) $L = 10 \text{ ft}, W = 5 \text{ ft}$

B.) $L = 10 \text{ ft}, W = 15 \text{ ft}$

C.) $L = 25 \text{ ft}, W = 25 \text{ ft}$

8.) 6 yards = _____ inches

7 meters = _____ centimeters

1 quart = _____ cups

16 pounds = _____ ounces

9.) Make a line plot of the following data. Use X's to plot the tally marks.

$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$
		 		



9A.) What is the most common length?

9B.) What is the combined length of the four least common lengths? (this means add the four lengths that are the shortest!)

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****Students will be able to use a calculator for this test****

1.) A puppy weighs 8 pounds, how many ounces does it weigh? **128oz**

2.) Hannah went to the store and bought some groceries. An apple cost \$1.40, a pack of ground turkey cost \$5.10, a case of soda cost \$6 and a box of cereal cost \$4. What was the total amount of money Hannah spent? ***Remember to line up your decimals when adding, or if you are using a calculator, remember to type in the decimals!*** **\$16.50**

3.) Rebecca wants to buy $1\frac{1}{2}$ ounces of coffee beans. An ounce of coffee beans costs \$1.20. How much will it cost her to buy the amount of beans she wants? **\$1.80**

4.) Using the information in question number 3- if Rebecca pays for the coffee beans with a \$5 bill, how much change will she receive? **\$3.20**

5.) Gregory is building a brick wall around his square garden for decoration. Which formula could be used to find out how much brick he needs? ***remember a letter in an equation is called a variable-it represents a number...don't be scared of it! ☺***

A.) $A = L \times W$ B.) $P = 4 + b$ C.) $A = 4 \times 5$ D.) $P = 4 \times b$

D.) $P = 4 \times b$ b is the brick...combine all the sides to find the perimeter

6.) A baby girl weighs 144 ounces and a baby boy weighs 8 pounds. How many more pounds does the baby girl weigh than the baby boy? **girl weighs 9lbs $9-8 = 1$ lbs greater.**
(**Remember, convert the ounces to pounds, then compare! Use a calculator to help**)

7.) A rectangle has a **perimeter** of 50 feet. Which of the following dimensions could be this rectangle?

A.) $L = 10 \text{ ft}, W = 5 \text{ ft}$

B.) $L = 10 \text{ ft}, W = 15 \text{ ft}$

C.) $L = 25 \text{ ft}, W = 25 \text{ ft}$

8.) 6 yards = 216 inches

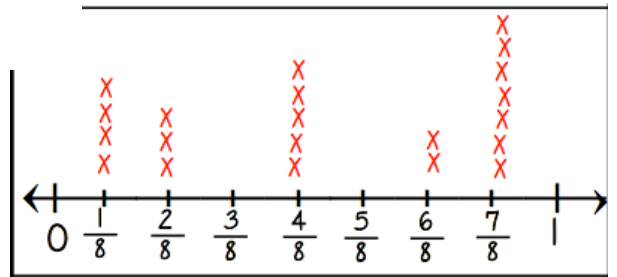
7 meters = 700 centimeters

1 quart = 4 cups

16 pounds = 256 ounces

9.) Make a line plot of the following data. Use X's to plot the tally marks.

$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$
		 		



9A.) What is the most common length?

$\frac{7}{8}$

9B.) What is the combined length of the four least common lengths? (this means add the four lengths that are the shortest!) $\frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} = \frac{4}{8}$