Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| Choose the larger value, if they are equal, write *equal* to the right. | | |
|  | 0.2 or 0.099 |  |
|  | 34 mL or 0.038 L |  |
|  | 18.05 or 18.050 |  |
|  | 0.4 g or 0.007 kg |  |
|  | 20 m or 20,000 mm |  |
|  | | |
| Solve. Reduce all fractions to lowest terms. | | |
|  | Valentina makes $15.50 per hour. If she works 20 hours one week, how much would her weekly pay be? | |
|  | Michael makes $7.50 per hour. If he earned $120 this week, how many hours did he work? | |
|  |  | |
|  |  | |
|  | 35% of 80 is what? | |
|  | 18 is what percent of 30? | |
|  |  | |
|  | Scholastique buys a $20 shirt at 30% off. How much does she save? | |
|  | Charles puts $2000 into a savings account that pays 2% interest per year. How much interest would he earn in 2 years? | |
|  | Jeff has a cake recipe that calls for 2 cups of sugar and 5 cups of flour. How much flour would he need if he has 1 cup of sugar? | |
|  | A scale on a map says that 1 inch equal to 45 miles. If two cities are 2.5 inches apart on the map, how many miles apart are the cities? | |
|  | Gloria buys pounds of hamburger. If hamburger is $1.50 per pound, how much does she pay? | |
|  | The beginning balance in Rachel’s checking account is $150.23. She deposits $450.00. She then writes checks for $45.45, $29.99, and $135.79. What is her ending balance? | |
|  | * 1. Grams measure (weight / volume).   2. Liters measure (weight / volume). | |
|  | * 1. The word *percent* “per \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.”   2. Percents are always (smaller / larger) than the corresponding decimal. | |
| Bonus Questions | | |
|  | Solve for *x*. | |
|  |  | |
|  | Bernard eats 3 slices of an 8 slice pizza. What percent of the pizza did he eat? | |

Name\_\_\_\_\_\_\_\_\_\_ ANSWER KEY\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| Choose the larger value, if they are equal, write *equal* to the right. | | |
|  | 0.2 or 0.099 | 0.2 |
|  | 34 mL or 0.038 L | 0.038 L |
|  | 18.05 or 18.050 | Equal |
|  | 0.4 g or 0.007 kg | 0.007kg |
|  | 20 m or 20,000 mm | Equal |
|  | | |
| Solve. Reduce all fractions to lowest terms. | | |
|  | Valentina makes $15.50 per hour. If she works 20 hours one week, how much would her weekly pay be?  $310 | |
|  | Michael makes $7.50 per hour. If he earned $120 this week, how many hours did he work?  16 hours | |
|  | 10 | |
|  | 16 | |
|  | 35% of 80 is what?  28 | |
|  | 18 is what percent of 30?  60% | |
|  | 0.375 | |
|  | Scholastique buys a $20 shirt at 30% off. How much does she save?  $6 | |
|  | Charles puts $2000 into a savings account that pays 2% interest per year. How much interest would he earn in 2 years?  $80 | |
|  | Jeff has a cake recipe that calls for 2 cups of sugar and 5 cups of flour. How much flour would he need if he has 1 cup of sugar?  2.5 cups | |
|  | A scale on a map says that 1 inch equal to 45 miles. If two cities are 2.5 inches apart on the map, how many miles apart are the cities?  135 miles | |
|  | Gloria buys pounds of hamburger. If hamburger is $1.50 per pound, how much does she pay?  $3.75 | |
|  | The beginning balance in Rachel’s checking account is $150.23. She deposits $450.00. She then writes checks for $45.45, $29.99, and $135.79. What is her ending balance?  $389 | |
|  | * 1. Grams measure (weight / volume). Weight   2. Liters measure (weight / volume). Volume | |
|  | * 1. The word *percent* “per \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.” 100   2. Percents are always (smaller / larger) than the corresponding decimal. Larger | |
| Bonus Questions | | |
|  | Solve for *x*.  x=1 | |
|  | x=1 | |
|  | Bernard eats 3 slices of an 8 slice pizza. What percent of the pizza did he eat?  37.5% | |