<table>
<thead>
<tr>
<th>Fraction</th>
<th>Decimal</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.82</td>
<td></td>
<td></td>
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</tbody>
</table>

1) What is 45% of 350?  
__________________

2) Given 2 cups is equal to 1 pint, how many cups are in 18.5 pints?  
__________________cups

3) Given 3 feet equal 1 yard, how many feet are in 45 yards?  
_____________ feet

4) The total amount of Dominic’s items is $155.40. What is the amount of sales tax if the percent is 8%? (round to the nearest cent).  
Amount of Sales Tax = ______________

4b) How much change will he get back from $180.00?  
Amount of change = ______________
5) What does GCF stand for?
__________________________________________________________

6) What does LCM stand for?
__________________________________________________________

7) What does reciprocal mean? ____________________________

8) What is the LCM of 16 and 30? ____________________________

9) Numbers that are multiplied together are called ____________________________.
    (hint: a _____________ x _____________ = a Product)

10) Find the unit rate. Karlie drove 750 miles in 15 hours. How far did she drive in one hour?
    _______________________________ miles

11) Sarah was able to read 15 pages in 3 minutes. How long would it take her to read 345 pages?
    _______________________________ minutes
12) Determine if the following ratios are equivalent?

4 to 5 and 20 to 25

Yes, they are because ___________________________________________________
_______________________________________________________________.

No, they are not because _________________________________________________
_______________________________________________________________.

13) List the first 10 multiples of 3:

___________________________________________________________________

14) Raynis earns about $45,000 per year. About 15% is subtracted from his earning for taxes. How much is subtracted for taxes?

__________________________

15) Cooper’s baseball team won 18 out of 25 games this year. What percentage of the games did his team win and what percentage of the games did the team lose?

Won = ________________

Lost = ________________
16) Ten pounds of potatoes sells for $6.70. How much will it cost to buy 7 pound of potatoes?

<table>
<thead>
<tr>
<th>Cost in dollars</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Pounds of Potatoes</td>
<td></td>
</tr>
</tbody>
</table>

17) Which ratio is equivalent to 1:1?
   a) 3:3
   b) 3 to 3
   c) 3/3
   d) All of them

18) Acadia and Emma collected cans to raise money for a local charity.
   Acadia collected 15 cans in 30 minutes and Emma collected 5 cans in 15 minutes.

   How many cans did each girl collect in one hour? Who collected more?

   _________ Acadia  |  Emma _________

   Who collected more? ______________________________
19) Unit Cost - ________________________________

20) Ratio - ________________________________

21) 6,000 miles in 3 hours ---- how many miles per hour? ____________________

22) A jet travels 510 miles in 2 hours, how many miles in one and a half hours? 

___________________________

23) At Armson Farms, there are 500 cows and 5 farmers. 
   What is the ratio of cows to farmers in simplest form? ____________________________
   What is the meaning of the ratio: 

   ________________________________

   ________________________________
24) Multiply 18 x 6 without a calculator: __________

25) Divide: \( 426 \div 3 = \) ________________

26) Define Unit Rate: ___________________________________________________________________

27) Two fractions that have the same value are called: ___________________________________________________________________

28) \( 149.76 + 14 = \) ________________ no calculator

29) \( 65 - 12.34 = \) ________________ no calculator

30) \( \frac{1}{2} \div \frac{3}{8} = \) ________________

31) \( 1 \frac{3}{5} \div \frac{4}{15} = \) ________________
32) Find the LCM of 22 and 40.  
   LCM = __________

33) Find the GCF of 120 and 50.  
   GCF = ____________

35) Which of the following would be simplified to a mixed number:
   
   a) Numerator is smaller than the denominator
   b) Numerator is equal to the denominator
   c) Numerator is larger than the denominator
   d) Denominator is zero.

36) True or False.  \[
   \frac{5}{8} = 1 \frac{3}{8}
\]  ____________

37) Change the mixed number into an improper fraction.  \[
   2 \frac{3}{4}
\]  ____________
38) What is 45% of 200?

39) Caroline purchases totaled $25.74. If she gave the clerk $50, what is the amount of change she will get back? Show your work.

40) Jordan bought a phone for $325. The tax is 8%. What is the amount of sales tax Jordan will pay for his phone.

What is 8% of 325?