

## Decimals Worksheet

Convert the following fractions to decimals. (Do not round)

1.  $\frac{1}{2}$  \_\_\_\_\_ 2.  $\frac{3}{4}$  \_\_\_\_\_ 3.  $\frac{4}{7}$  \_\_\_\_\_ 4.  $\frac{5}{8}$  \_\_\_\_\_ 5.  $\frac{1}{12}$  \_\_\_\_\_  
6.  $\frac{2}{5}$  \_\_\_\_\_ 7.  $\frac{3}{14}$  \_\_\_\_\_ 8.  $\frac{12}{15}$  \_\_\_\_\_ 9.  $\frac{10}{11}$  \_\_\_\_\_ 10.  $\frac{7}{16}$  \_\_\_\_\_

Convert the following percentages to decimals. (Do not round)

1. 25% \_\_\_\_\_ 2. 30% \_\_\_\_\_ 3. 32% \_\_\_\_\_ 4. 69% \_\_\_\_\_ 5. 10% \_\_\_\_\_  
6. 40% \_\_\_\_\_ 7. 27% \_\_\_\_\_ 8. 77% \_\_\_\_\_ 9. 15% \_\_\_\_\_ 10. 50% \_\_\_\_\_

Perform the appropriate calculation.

1.  $47.1234 + 22.27 =$  \_\_\_\_\_ 2.  $22.89034 + 7.07 =$  \_\_\_\_\_  
3.  $345.99 + 32 =$  \_\_\_\_\_ 4.  $3.9 + 7.99999 =$  \_\_\_\_\_  
5.  $29.9876 - 2.68 =$  \_\_\_\_\_ 6.  $437 - 436.77 =$  \_\_\_\_\_  
7.  $45.8989 - 3.222222 =$  \_\_\_\_\_ 8.  $7.6 - 4.2345 =$  \_\_\_\_\_

In your store ...

One fourth of your inventory is damaged by the cleaning crew.

1. Write this amount as a fraction. \_\_\_\_\_  
2. Convert it to a decimal. \_\_\_\_\_  
3. What percentage of your inventory was damaged? \_\_\_\_\_  
4. The inventory that was damaged was purchased for the following amounts.  
\$22.70      \$3      \$4.77      \$5.89      \$27.67  
What was the total dollar amount of your loss? \_\_\_\_\_