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Simple Word Problems with Fractions and Percents

Directions: Solve the word problems below.

1. The Lincoln Way cheerleaders in Frankfort raised \$1,000.00 during the school year.

The illustration shows five fundraising activities with their respective percentages:

- 25%—car wash:** A car being washed with a sign that says "Car Wash".
- 5%—school store:** A building labeled "School Store" with a flag on top.
- 40%—candy sale:** A display of "Chocolate Bars".
- 10%—attic sale:** A collection of items including a lamp, a vase with flowers, and a trunk.
- 20%—wrapping paper sale:** Several rolls of wrapping paper with a "Sale" tag.

- Which activity collected the most money? _____
 - Which activity collected the least amount of money? _____
 - How much did they raise with the candy sale? _____
 - How much money did they raise with the car wash? _____
 - How much money did they raise at the school store? _____
- Mrs. Anderson's Girl Scout troop has \$600 in savings. The girls collected 50% of the money by recycling aluminum cans. Fifteen percent of the money came from donations and 35% of it came from their annual auction. How much money was raised by selling cans, donations, and by having an auction? _____
 - Your purchases total \$24.95. If the sales tax rate is 6%, what is the total amount that you must pay? (Round to the nearest penny.) _____
 - Art walked $1\frac{1}{4}$ miles Monday, $2\frac{3}{4}$ miles Tuesday, and $1\frac{1}{2}$ miles Wednesday. How many miles did he walk? _____
 - Andrew's dad drove 60 miles per hour to get to the amusement park. It took them 1 hour and 20 minutes. How many miles is it to the amusement park? _____

Cloud Cover, Thanksgiving Puzzle, and Kite Factory

Cloud Cover

Help the weather forecaster explain what percent of the sky will be covered by clouds.

Type	Description	Write the Percentages
Clear	Sky has no clouds or clouds cover less than $\frac{1}{10}$ of the sky.	from 0 to 10%
Scattered	An average of $\frac{1}{10}$ to $\frac{5}{10}$ is covered.	
Broken	Clouds covered $\frac{5}{10}$ to $\frac{9}{10}$ of the sky.	
Overcast	Clouds covered $\frac{9}{10}$ of the sky.	

Thanksgiving Puzzle

Can you solve this Thanksgiving puzzle? T has been done for you. One of the letters is extra and does not belong in the puzzle.

						T	
0	1	2	3	4	5	6	7

1. T: It is a multiple of 2. It is greater than 3.
2. M: It is greater than $(\frac{10}{5})$. It is less than $T - 2$.
3. U: It is a multiple of 5. It is greater than M.
4. $R = M + T - 1$
5. Y: Divide T by M.
6. L: $U \times L = U$
7. O: It is greater than $T - M$. It is less than 5.
8. H: $H - O = M$
9. $P = U - U$

Kite Factory

On a visit to a kite factory, Guadalupe noticed that the kites are made in the following repeated order: dragon, box, bat, fish, tiger, turkey. What will the design be on the 77th kite?