

Name \_\_\_\_\_

**Honors Summer Work – Fraction Word Problems**

**Directions: Clearly show each step. Simplify your answers. DO NOT CHANGE THE FRACTIONS TO DECIMALS TO SOLVE.**

- 1) One of the cats in the neighbor had four kittens all about the same size. If each kitten weighed  $5\frac{5}{8}$  ounces, how much would all the kittens weigh?
  
  
  
  
  
  
  
  
  
  
- 2) A group of neighborhood kids went on a hike. The total mileage they walked was  $16\frac{2}{3}$  miles. If each kid contributed  $4\frac{1}{6}$  miles to the hike, how many kids went on the hike?
  
  
  
  
  
  
  
  
  
  
- 3) In Language Arts the class was assigned to write a team paper. Each team was to write  $5\frac{1}{2}$  pages for the combined paper. When all the teams put their paper together, there was a total of 44 pages. How many teams worked on the paper?
  
  
  
  
  
  
  
  
  
  
- 4) Jason was in the process of writing a story for a school contest. So far has completed  $10\frac{2}{7}$  pages for his story. On average each page has taken him  $1\frac{3}{5}$  hours to write. How much time has Jason already put into writing his story?
  
  
  
  
  
  
  
  
  
  
- 5) Tom ran a complete mile. Sarah ran half of that. Mike ran half of what Sarah ran and Lisa ran half of what Mike ran. What part of a mile did Lisa run?

- 6) During the rainstorm last week, Jackson and his sister wanted to see how much water they could collect from the rain. In order to this, they put out 12 three-and-a-half liter containers to catch the water. If all of the containers got filled four times, how many liters of water did they collect in all?
- 7) Malia's mission was to pick up a new supply of qualons for the inhabitants of Plutarkia. Malia and her crew picked up 20 cases of qualons and put them aboard their ship. If the total weight of the qualons was  $10\frac{2}{3}$  megalors, and each case of the qualons weighed the same, how much did each case of qualons weigh?
- 8) Darcy started taking piano lessons. She had to practice  $1\frac{3}{4}$  hours per day. If after only 8 days, Darcy decided she wanted to stop, how many hours did she take lessons?
- 9) The Smith siblings decided to share their Halloween candy. Jacob contributed  $\frac{12}{5}$  pounds of candy, Junior contributed  $\frac{9}{4}$  pounds of candy, and JoJo contributed  $2\frac{7}{10}$  pounds of candy.
- What was the total amount contributed?
  - Who contributed the most? Who contributed the least?
  - In the middle of the night, Mr. Smith was struck with a sugar attack and ate  $3\frac{1}{2}$  pounds of their candy. How much is left?