

FRACTION WORD PROBLEMS

NAME: _____ DATE: _____ PERIOD _____

Complete each problem showing all of your work. Simplify and circle all answers.

1) One of the cats in the neighborhood had 6 kittens all about the same size. If each of the new kittens weighed about $5\frac{1}{2}$ ounces, how much would all the kittens weigh all together?

2) A camp counselor has $\frac{7}{8}$ of dried fruit trail mix to split equally among the 8 campers. How much of the mix does each camper get?

3) Larry bought $12\frac{1}{2}$ pounds of candy to share with his friends, If he gave $2\frac{1}{2}$ pounds to each of his friends, how many friends, did he share his candy with?

4) For one of their Science experiments the class used $10\frac{1}{2}$ quarts of water. If there were 7 groups doing the experiment and each group used the same amount of water , how many quarts of water did each group use?

5) A vitamin C tablet contains $\frac{1}{40}$ of a gram of vitamin C. You take $1\frac{1}{2}$ tablets every day. How many grams of vitamin C do you take every day?

6) Charlotte bought a bag of marbles and after sorting them she realized $\frac{2}{5}$ of the marbles were green. Her best friend loved green marbles so Charlotte gave her friend $\frac{2}{3}$ of the green marbles. How much of the bag of marbles did Charlotte give her friend?

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<p>7) You ask 150 people about their pets. The results show that $\frac{9}{25}$ of the people own a dog. Of the people who own a dog, $\frac{1}{6}$ of them also own a cat. What fraction of the people own a dog and a cat?</p>	<p>8) A bag contains 42 cups of dog food. Your dog eats $2\frac{1}{3}$ cups of dog food each day. How many days does the bag of dog food last?</p>
<p>9) How many $1\frac{3}{5}$ inch thick books can fit on a $14\frac{1}{2}$ inch long bookshelf?</p>	<p>10) You make a banner for the football rally. The banner is $4\frac{2}{3}$ ft long and $1\frac{1}{2}$ ft wide. What is the area of the banner? (Area = L x W)</p>