

Fraction Word Problems PDSA Quiz

Name _____

Underline the clue words ***and*** solve the problem.

1. A factory makes sheets of metal that are $\frac{3}{5}$ of an inch thick. If a worker at the factory makes a stack of 4 of the sheets, how many inches thick will the stack be?
2. Starting from scratch, Parker finished $\frac{5}{12}$ of a reading assignment Monday afternoon and another $\frac{1}{12}$ of it on Tuesday afternoon. What fraction of the reading assignment was done by Tuesday night?
3. A spice merchant divided $\frac{2}{3}$ of a pound of ground cinnamon into 3 equal packages. He then sold the ground cinnamon to restaurants and bakeries. What was the weight of ground cinnamon in each package?
4. Ashley's chemistry textbook weighs $\frac{5}{6}$ of a pound and her geometry textbook weighs $\frac{2}{3}$ of a pound. How much more does the chemistry textbook weigh than the geometry textbook?
5. Mario made a fruit salad with $\frac{7}{12}$ of a pound of melon and $\frac{1}{12}$ of a pound of berries. How many pounds of fruit did Mario use in all?
6. Amber and Ernesto each made a bowl of punch. Ernesto used 5 times as much lemonade as Amber did. If Amber used $\frac{7}{10}$ of a cup of lemonade, how many cups of lemonade did Ernesto use?
7. Gabby made a block of scented soap which weighed $\frac{2}{5}$ of a pound. She divided the soap into 2 equal pieces. How much did each piece of soap weigh?
8. Layla uses $\frac{1}{2}$ of a cup of vinegar in her salad dressing recipe. How much vinegar would Layla use to make $\frac{1}{3}$ of a recipe?
9. Felix performed a chemistry experiment in which he divided $\frac{1}{3}$ of a box of baking soda evenly among 3 bottles. He then added vinegar and water to each bottle to make them bubble up like volcanoes. How much baking soda did he put in each bottle?
10. Rick found two worms in the yard and measured them with a ruler. One worm was $\frac{1}{3}$ of an inch long. The other worm was $\frac{1}{6}$ of an inch long. How much longer was the longer worm?