

Word problem involving fractions and division: Worksheet 15.2

Name Date Score

1. Mary made fancy costume decorations for each of 3 dancers. She cut $\frac{3}{2}$ of a yard of lace into equal pieces to make the decorations. How long was each piece of lace?
2. Clara made a soap cake weighing $\frac{6}{5}$ pound. She divided the soap into 4 equal pieces. How much did each piece of soap weigh?
3. Jane picked berries weighing $\frac{4}{5}$ of a pound. She put them evenly in two containers. How many pounds of berries did Jane put in each container?
4. A scientist divided $\frac{1}{2}$ of an ounce of liquid protein evenly among 4 cell samples. How much liquid protein did she put in each cell sample?
5. In a cookery class, the instructor divided $\frac{1}{3}$ of ounce of salt evenly among 4 servings of a dish. How much salt did she put in each serving?
6. Wilson's Café uses 5 bags of coffee every day. For how many days will $\frac{1}{3}$ of a bag of coffee last?
7. Rainbow school bought $\frac{3}{4}$ -gallon blue paint and divided it equally among 4 classrooms. How much blue paint did each classroom get?
8. A bakery uses $\frac{1}{6}$ bag of flour for each batch of cookies they make. The bakery used $\frac{3}{4}$ bag of flour yesterday. How many batches of cookies did the bakery make?
9. A carpenter used $\frac{6}{10}$ can of paint to paint 3 chairs using the same amount of paint for each chair. How many cans of paint was used for each chair?
10. A doctor divided $\frac{2}{3}$ bottle of medicine equally among 4 patients. How much medicine did the doctor give to each of his patients?



Solutions: Worksheet 15.2

1. $\frac{1}{2}$ yard
2. $\frac{3}{10}$ pound
3. $\frac{2}{5}$ pound
4. $\frac{1}{8}$ ounce
5. $\frac{1}{12}$ ounce
6. $\frac{1}{15}$ of a day
7. $\frac{3}{16}$ gallon
8. $\frac{9}{2}$ or $4\frac{1}{2}$ batches
9. $\frac{1}{5}$ can
10. $\frac{1}{6}$ bottle

