

## Word problem involving fractions and division: Worksheet 15.3

Name ..... Date ..... Score .....

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



## Solutions: Worksheet 15.3

1. 6 batches
2.  $\frac{3}{20}$  pound
3.  $\frac{5}{14}$  pound
4.  $\frac{1}{20}$  ounce
5.  $\frac{1}{6}$  ounce
6.  $\frac{3}{20}$  yard
7.  $\frac{1}{5}$  gallon
8.  $\frac{1}{14}$  of a day
9.  $\frac{2}{15}$  can
10.  $\frac{1}{10}$  bottle

