

Name: _____

Dividing Fractions by Whole Numbers

Solve the word problems. Show your work.



- a. Mr. Fishman spent his weekend working in his yard. He had $\frac{1}{6}$ of a bag of soil that he spread evenly among his 2 garden beds. How much soil did he put in each garden bed? _____
- b. He had $\frac{1}{2}$ of a pound of birdseed that he split evenly among his 3 bird feeders. How much birdseed did he put in each bird feeder? _____
- c. Mr. Fishman uses $\frac{1}{3}$ of his yard for growing flowers. This section of the yard is split into 4 equal sections to plant different types of flowers. What fraction of the garden is used for each type of flower? _____
- d. He picked a cucumber from his vegetable garden that weighed $\frac{1}{4}$ of a pound. He cut it into 2 equal pieces. How much does each piece of the cucumber weigh? _____

ANSWER KEY

Dividing Fractions by Whole Numbers

Solve the word problems. Show your work.

- a. Mr. Fishman spent his weekend working in his yard. He had $\frac{1}{6}$ of a bag of soil that he spread evenly among his 2 garden beds. How much soil did he put in each garden bed?

$\frac{1}{12}$ of the bag

- b. He had $\frac{1}{2}$ of a pound of birdseed that he split evenly among his 3 bird feeders. How much birdseed did he put in each bird feeder?

$\frac{1}{6}$ of a pound

- c. Mr. Fishman uses $\frac{1}{3}$ of his yard for growing flowers. This section of the yard is split into 4 equal sections to plant different types of flowers. What fraction of the garden is used for each type of flower?

$\frac{1}{12}$ of the garden

- d. He picked a cucumber from his vegetable garden that weighed $\frac{1}{4}$ of a pound. He cut it into 2 equal pieces. How much does each piece of the cucumber weigh?

$\frac{1}{8}$ of a pound

