

Multiplying fractions by whole numbers

Grade 4 Word Problems Worksheet

1. Sean spent $\frac{2}{7}$ hour each day to work on the garden. How many hours did he spent in a week working on the garden?

2. Farmer Joe uses $\frac{2}{13}$ bag of seeds on each acre of land. If there are 6 acres of land, how much seed does he use?

3. Farmer Joe uses $\frac{9}{10}$ bag of fertilizers every week. How many bags of fertilizers does he use every month?



4. Grandma uses $\frac{2}{3}$ of a pumpkin to make a pumpkin pie. How many pumpkins should she buy to make 4 pumpkin pies?
5. To make a bowl of cream of potato soup, Jack needs to use $\frac{5}{8}$ of a medium-sized potato. How many medium-sized potatoes does he need to buy if he is making 10 bowls of soup?

Answers

1. $\frac{2}{7} \times 7 = 2$

He spent 2 hours in a week working on the garden.

2. $\frac{2}{13} \times 6 = \frac{12}{13}$

He uses $\frac{12}{13}$ bag of seeds for 6 acres of land.

3. $\frac{9}{10} \times 4 = \frac{36}{10} = \frac{18}{5} = 3\frac{3}{5}$

He uses $3\frac{3}{5}$ bag of seeds.

4. $\frac{2}{3} \times 4 = \frac{8}{3} = 2\frac{2}{3}$

$2\frac{2}{3}$ is between 2 and 3.

So, grandma needs to buy 3 pumpkins.

5. $\frac{5}{8} \times 10 = \frac{50}{8} = \frac{25}{4} = 6\frac{1}{4}$

$6\frac{1}{4}$ is between 6 and 7.

So, Jack needs to buy 7 medium-sized potatoes.