Multiplying Fractions by Whole Numbers

Grade 4 Word Problems Worksheet

Date:_____   Name:_____

LET'S MAKE LEARNING FUN

Read carefully and answer the following questions.

1. At a birthday party, there are 15 children. Each child will eat $\dfrac{3}{16}$ of a pizza. How many pizzas should the host order?

2. Dave drinks $\dfrac{2}{7}$ of a carton of milk each day. How much milk does he drink in 3 days?

3. Sophia spent $\dfrac{2}{7}$ hour each day to work on the garden. How many hpurs did he spend in a week working on the garden?

4. Farmer Charlie uses $\dfrac{9}{10}$ bag of fertilizers every week. How many bags of fertilizers does he use every month?

5. A gallon of paint can cover $\dfrac{2}{25}$ of the wall. How much of the wall will be painted if there were 5 gallons of paint?

Multiplying Fractions by Whole Numbers

1. $\frac{3}{16} \times 15 = \frac{45}{16} = 2\frac{13}{16}$

   $2\frac{13}{16}$ is between 2 and 3.

   So, the host should order 3 pizzas.

2. $\frac{2}{7} \times 3 = \frac{6}{7}$

   He drinks $\frac{6}{7}$ carton of milk each day.

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

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

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

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

5. $\frac{2}{25} \times 5 = \frac{10}{25} = \frac{2}{5}$

   $\frac{2}{5}$ of the wall will be painted with 5 gallons of paint.