

Dividing Fractions by Whole Numbers Word Problems

1. Sean buys 4 Barbie dolls to gift her little cousins. If she uses $\frac{1}{8}$ of a roll of gift wrap to pack the dolls, what fraction of the gift wrap does she use to pack each doll?

Solve : ____

2. Anne uses $\frac{1}{5}$ cups of sugar to make 10 mugs of brownies. How much sugar is required to make one brownie?

Solve : ____

3. Drake and his sister, Betty, mow $\frac{1}{6}$ of total area of their lawn. If they divide the chore equally, what fraction of the total area does Drake mow?

Solve : ____

4. Lucy eats $\frac{1}{5}$ of a cup of cereal for breakfast everyday. If the box contains a total of 25 cups, how many days will it take to finish the cereal box?

Solve : ____

5. James bought $\frac{1}{16}$ pounds of blueberries at the farmers' market, which he kept in 8 bags each holding an equal quantity. How many pounds of blueberries were in each bag?

Solve : ____

6. Keith, who runs a daycare center, bought 21 gallons of paint to do up the classrooms. How many classrooms can he get painted in all if each room requires $\frac{1}{7}$ gallons of paint?

Solve : ____

7. You have a recipe that makes $\frac{1}{8}$ of a cake. If you want to make 2 cakes, how much batter do you need in total?

Solve : ____

8. A garden path is 18m long. If you want to lay paths that are each $\frac{1}{9}$ of a yard long, how many paths can you make from the total length?

Solve : ____

9. You have 36 gallon of paint left, and you need to paint a wall that requires $\frac{1}{6}$ gallon of paint. How many walls can you paint with the remaining paint?

Solve : ____

10. If a car travels $\frac{1}{20}$ of a mile on one gallon of gas, how many miles can it travel on 5 gallons of gas?

Solve : ____

11. You have $\frac{1}{16}$ of a chocolate bar, and you want to share it equally among 4 friends. How much chocolate does each friend receive?

Solve : ____

12. Watering can holds $\frac{1}{40}$ of a gallon of water. If you pour it equally into 2 pots, how much water does each pot receive?

Solve : ____