

## Word Problems for Dividing Whole Numbers by Fraction

1. Mrs Marry is making croissants. She has 15 pounds of dough. Each croissant is made from  $\frac{1}{5}$  pounds of dough. How many croissants can she make?
2.  $\frac{1}{7}$  gram of silicone is used to manufacture 30 headphones. How much silicone is used in each pair of headphones?
3. Rose made an apple pie. His brother Joe finished  $\frac{4}{5}$  of it. Then, three friends came over and shared the leftover pie. How much of the pie did each friend eat?
4. Jock has 12 bunches of grapes, which he is serving as a snack to a group of children. Each serving is  $\frac{1}{6}$  of a bunch. How many children can get a serving of grapes as a snack?
5. A baker is making croissants. He has 20 pounds of dough. Each croissant is made from  $\frac{1}{5}$  pounds of dough. How many croissants can he make?
6. A computer uses  $\frac{1}{300}$  of a second to finish a math question. How many math questions can the computer answer in 3 minutes?



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1. An auto shop installed a new automatic system for painting cars. The system can paint 9 cars in  $\frac{1}{3}$  hour. How long does it take to paint one car?
2.  $\frac{1}{7}$  gram of copper and  $\frac{1}{5}$  gram of silicone is used to manufacture 40 headphones. How much silicone is used in each pair of headphones?
3. Grandma made an apple pie. Josh and his brother Joe finished  $\frac{4}{5}$  of it. Then, three friends came over and shared the leftover pie. How much of the pie did each friend eat?
4. Jenny has 20 strawberry, which she is serving as a snack to a group of children. Each serving is  $\frac{1}{6}$  of a bunch How many children can get a serving of strawberry as a snack?
5. A baker is making croissants. He has 12 pounds of dough. Each croissant is made from  $\frac{1}{4}$  pounds of dough. How many croissants can he make?
6. A headphone uses  $\frac{1}{200}$  of a second to finish a math question. How many math questions can the computer answer in 5 minutes?

