

# Grade 6 Fractions Word Problems Worksheet

Name: \_\_\_\_\_ Date: \_\_\_\_\_

1. Leo used  $\frac{1}{6}$  of a cake first and  $\frac{1}{6}$  more later. The goal is to leave exactly  $\frac{2}{6}$  of the cake after the next step. What fraction of the cake should be used next to leave exactly  $\frac{2}{6}$ ?

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2. Nora had used some of a garden plot at first. Later,  $\frac{1}{3}$  more was used. After that, the total used fraction became  $\frac{2}{3}$ . What fraction of the garden plot had already been used before the second step?

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3. Nora shaded  $\frac{1}{5}$  of a model, then shaded  $\frac{3}{5}$  more, and finally erased  $\frac{2}{5}$ . How many of the 5 equal parts are shaded now?

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4. Mason used some of a pizza in the morning and then used  $\frac{1}{4}$  more later. After both steps, the total fraction used was  $\frac{2}{4}$ . What fraction of the pizza was used in the morning?

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5. Henry had already used  $\frac{5}{8}$  of a garden plot. After another step,  $\frac{1}{8}$  of the garden plot was left. What fraction of the garden plot was used in the second step?

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6. Olivia used some of a cake first and later used  $\frac{2}{5}$  more. After both steps,  $\frac{1}{5}$  of the same cake was still left. What fraction of the cake was used in the first step?

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7. Grace shaded  $\frac{4}{10}$  of a model, then shaded  $\frac{5}{10}$  more, and finally erased  $\frac{4}{10}$ . How many of the 10 equal parts are shaded now?

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8. Nora used  $\frac{2}{4}$  of one pizza and  $\frac{1}{4}$  of another matching pizza during the same activity. What fraction of the first pizza was left?

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9. Emma used  $\frac{1}{5}$  of a pizza first and  $\frac{1}{5}$  more later. The goal is to leave exactly  $\frac{2}{5}$  of the pizza after the next step. What fraction of the pizza should be used next to leave exactly  $\frac{2}{5}$ ?

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10. Liam had used some of a pizza at first. Later,  $\frac{1}{3}$  more was used. After that, the total used fraction became  $\frac{2}{3}$ . What fraction of the pizza had already been used before the second step?

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