



## Fraction word problems: Fraction Word Problems: Multiplication

Grade 4

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

Solve problems by multiplying fractions by whole numbers.

**Example:** There are 4 plates. Each plate has  $\frac{1}{2}$  of a pie. How much pie is there in total? Answer: 2 pies.

- (1) Sarah reads  $\frac{1}{5}$  of a chapter each day. If a book has 4 chapters, how many chapters has she read in 3 days? 📖
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- (2) A baker uses  $\frac{1}{4}$  cup of flour for one small batch of cookies. How much flour is needed for 5 small batches? 🍪
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- (3) John paints  $\frac{1}{6}$  of a fence section each hour. How much of the fence section will he paint in 4 hours? 🎨
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(4) Each water bottle holds  $\frac{3}{4}$  of a liter. How many liters are in 2 water bottles?



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(5) A craft project requires  $\frac{2}{3}$  of a yard of fabric. How many yards are needed for 4 identical projects? ✂️

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(6) Mark eats  $\frac{1}{2}$  of an apple every day. How many apples does he eat in 5 days? 🍏

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(7) Each bucket can hold  $\frac{2}{5}$  of a gallon of water. How much water is in 3 full buckets? 🏊

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(8) Three friends each ate  $\frac{3}{8}$  of a chocolate bar. How much chocolate did they eat in total? 🍫

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