



Fraction word problems: Fraction Word Problems: Multiplication

Grade 6

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) A baker uses $\frac{1}{4}$ cup of flour for each small cake. If she bakes 7 cakes, how much flour does she use? 🍰
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- (2) A recipe calls for $\frac{2}{3}$ cup of milk. If Sarah wants to make 5 batches of the recipe, how much milk will she need? 🥛
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- (3) John walks $\frac{3}{8}$ of a mile to school each day. How many miles does he walk in 5 school days? 🚶
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(4) A gardener uses $\frac{1}{2}$ bag of soil for each rose bush. If he plants 9 rose bushes, how many bags of soil does he use? 🌹

(5) A painter uses $\frac{3}{4}$ gallon of paint for each room. If he paints 6 rooms, how many gallons of paint does he use? 🎨

(6) Emily practices piano for $\frac{5}{6}$ of an hour each day. How many hours does she practice in 4 days? 🎹



(7) A construction worker lays $\frac{2}{5}$ of a mile of pipe each hour. How much pipe does he lay in 8 hours? 🧑

(8) A recipe for lemonade calls for $\frac{3}{4}$ cup of sugar. If you want to make 7 batches, how much sugar do you need? 🍋

