

### FRACTION WORD PROBLEMS

Emily works at the coffee shop.

1. The coffee cups can hold  $\frac{7}{9}$  of a pint of liquid. If Emily pours  $\frac{2}{3}$  of a pint of coffee into a cup, how much milk can a customer add?
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2. The capacity of the two milk pitchers on the counter is  $\frac{9}{10}$  liter each. One pitcher has  $\frac{3}{8}$  of a liter of milk in it and the other pitcher has  $\frac{5}{12}$  of a liter milk in it. How much milk is there altogether?
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3. Each large cookie is  $\frac{5}{6}$  oz and each small cookie is  $\frac{4}{9}$  oz. What is the total weight of 2 large cookies and 1 small cookie?



4. The coffee shop also sells small bags of coffee beans. The bags come in two sizes:  $\frac{4}{5}$  kilogram and  $\frac{7}{12}$  kilogram. How much more coffee does the bigger bag have?
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5. There were two cheesecakes in the fridge. The first cheesecake was cut into 16 slices and there are 3 slices left. The other cheesecake was cut into 10 slices and 4 slices were sold. How much cake is left in the fridge?
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6. There is a bag of sugar in the storage room. The bag contained  $\frac{4}{5}$  kilograms of sugar. The chef filled up an empty can with  $\frac{1}{10}$  kilogram of sugar and then used  $\frac{3}{20}$  of a kilogram of sugar for a cake. How much sugar was left in the bag?
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