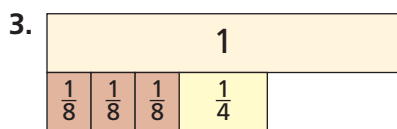
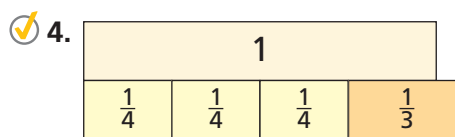


Name _____

Use fraction strips or *iTools* to find the sum.



$$\frac{3}{8} + \frac{1}{4} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$



$$\frac{3}{4} + \frac{1}{3} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

Use fraction strips to find the sum.

5. $\frac{2}{5} + \frac{3}{10} = \underline{\hspace{1cm}}$

6. $\frac{1}{4} + \frac{1}{12} = \underline{\hspace{1cm}}$

7. $\frac{1}{2} + \frac{3}{10} = \underline{\hspace{1cm}}$

8. $\frac{2}{3} + \frac{1}{6} = \underline{\hspace{1cm}}$

9. $\frac{5}{8} + \frac{1}{4} = \underline{\hspace{1cm}}$

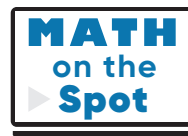
10. $\frac{1}{2} + \frac{1}{5} = \underline{\hspace{1cm}}$

On Your Own

11. **WRITE** *Math* Explain how using fraction strips with like denominators makes it possible to add fractions with unlike denominators.

12. Luis is making two batches of muffins for a school picnic. One batch of muffins uses $\frac{1}{4}$ cup of oats and $\frac{1}{3}$ cup of flour. What is the total number of cups of oats and flour needed for two batches? Explain how you use fraction strips to solve the problem.

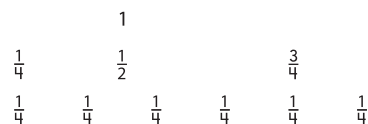
13. Maya makes trail mix by combining $\frac{1}{3}$ cup of mixed nuts, $\frac{1}{4}$ cup of dried fruit, and $\frac{1}{6}$ cup of chocolate morsels. What is the total amount of ingredients in her trail mix?



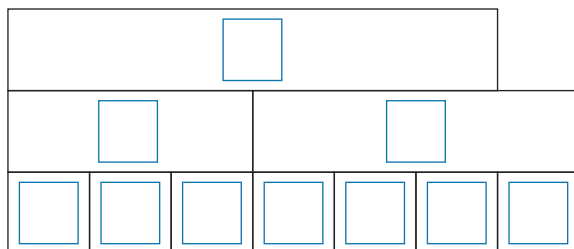
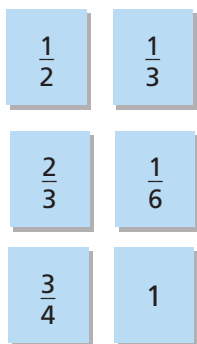
14. Write a new problem using different amounts for ingredients Maya used. Each amount should be a fraction with a denominator of 2, 3, or 4.

15. **MTR** Solve the problem you wrote. Draw a picture of the fraction strips you use to solve your problem.

16. Explain why you chose the amounts you did for your problem.



17. Alexandria used $\frac{1}{2}$ cup of grapes and $\frac{2}{3}$ cup of raisins combined to make a fruit snack. How many cups of grapes and raisins did she use? Use the tiles to complete the fraction strip model to show how you found your answer. The fractions may be used more than once or not at all.



_____ cups of grapes and raisins