

Name \_\_\_\_\_

# Adding Fractions with Unlike Denominators

Write the answers in simplest form.

1.  $\frac{1}{6} + \frac{1}{3} =$  \_\_\_\_\_

2.  $\frac{1}{5} + \frac{1}{10} =$  \_\_\_\_\_

3.  $\frac{1}{4} + \frac{1}{2} =$  \_\_\_\_\_

4.  $\frac{2}{3} + \frac{1}{6} =$  \_\_\_\_\_

5.  $\frac{1}{4} + \frac{2}{5} =$  \_\_\_\_\_

6.  $\frac{1}{4} + \frac{1}{6} =$  \_\_\_\_\_

7.  $\frac{2}{5} + \frac{1}{6} =$  \_\_\_\_\_

8.  $\frac{1}{4} + \frac{5}{8} =$  \_\_\_\_\_

9.  $\frac{5}{12} + \frac{1}{4}$

10.  $\frac{1}{5} + \frac{3}{10}$

11.  $\frac{2}{5} + \frac{1}{2}$

12.  $\frac{1}{12} + \frac{2}{3}$

\_\_\_\_\_

13. A recipe calls for  $\frac{1}{4}$  cup of whole wheat flour and  $\frac{1}{2}$  cup of white flour. How many cups of flour are needed in all? \_\_\_\_\_

14. **Math Reasoning** To trim a costume, you need  $\frac{1}{2}$  yard of lace at the neck and  $\frac{2}{6}$  yard to trim both of the wrists. How much lace is needed? \_\_\_\_\_

15. **Algebra** If  $n = \frac{9}{14}$ , then  $n + \frac{2}{7} =$  \_\_\_\_\_

16. For the addition  $\frac{1}{6} + \frac{2}{3}$ , which sum is **NOT** correct?

A.  $\frac{9}{12}$

B.  $\frac{5}{6}$

C.  $\frac{15}{18}$

D.  $\frac{20}{24}$

17. **Writing to Explain** What common denominator would you use to add  $\frac{1}{3}$ ,  $\frac{1}{4}$ , and  $\frac{1}{12}$ ? Explain.

\_\_\_\_\_