

# ADDING FRACTIONS WITH UNLIKE DENOMINATORS

NAME: \_\_\_\_\_

$$\frac{1}{2} + \frac{1}{4}$$

FIND THE LEAST COMMON MULTIPLE

$1 \times 2 = 2$

$1 \times 4 = 4$

$2 \times 2 = 4$

$2 \times 4 = 8$

$3 \times 2 = 6$

THEY HAVE 4 IN COMMON

$$\frac{1}{2} \times \frac{2}{2} = \frac{2}{4}$$

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

$$\frac{1}{4} \times \frac{1}{1} = \frac{1}{4}$$

WE NEED TO CHANGE THE DENOMINATORS TO 4, AND ALSO WHAT EVER WE DO TO THE BOTTOM WE NEED TO DO TO THE TOP.

**SOLVE:**

1.  $\frac{2}{4} + \frac{3}{5} =$  \_\_\_\_\_

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

3.  $\frac{2}{6} + \frac{4}{7} =$  \_\_\_\_\_

4.  $\frac{5}{7} + \frac{4}{6} =$  \_\_\_\_\_

5.  $\frac{1}{3} + \frac{8}{9} =$  \_\_\_\_\_

6.  $\frac{4}{8} + \frac{3}{5} =$  \_\_\_\_\_

7.  $\frac{6}{8} + \frac{1}{2} =$  \_\_\_\_\_

8.  $\frac{7}{10} + \frac{5}{6} =$  \_\_\_\_\_

9.  $\frac{9}{13} + \frac{4}{9} =$  \_\_\_\_\_

10.  $\frac{11}{14} + \frac{3}{6} =$  \_\_\_\_\_

11.  $\frac{2}{5} + \frac{4}{7} =$  \_\_\_\_\_

12.  $\frac{5}{11} + \frac{8}{10} =$  \_\_\_\_\_

13.  $\frac{2}{9} + \frac{4}{5} =$  \_\_\_\_\_

14.  $\frac{9}{22} + \frac{10}{11} =$  \_\_\_\_\_

15.  $\frac{6}{7} + \frac{3}{4} =$  \_\_\_\_\_

16.  $\frac{5}{6} + \frac{3}{11} =$  \_\_\_\_\_

17.  $\frac{2}{6} + \frac{4}{5} =$  \_\_\_\_\_

18.  $\frac{8}{10} + \frac{3}{4} =$  \_\_\_\_\_

19.  $\frac{5}{7} + \frac{2}{3} =$  \_\_\_\_\_

20.  $\frac{9}{22} + \frac{3}{4} =$  \_\_\_\_\_

21.  $\frac{7}{8} + \frac{4}{5} =$  \_\_\_\_\_