

Name: \_\_\_\_\_

# Adding Fractions (Unlike Denominators)

Directions: Solve each of the following.

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

You can find a common denominator by multiplying each fraction by the other fraction's denominator.

$\frac{2 \times 1}{2 \times 4} + \frac{1 \times 2}{1 \times 2} = \frac{2}{8} + \frac{2}{8}$

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

9.)  $\frac{1}{9} + \frac{4}{5} =$  \_\_\_\_\_

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

10.)  $\frac{1}{6} + \frac{2}{9} =$  \_\_\_\_\_

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

11.)  $\frac{4}{9} + \frac{7}{12} =$  \_\_\_\_\_

4.)  $\frac{2}{12} + \frac{1}{11} =$  \_\_\_\_\_

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

5.)  $\frac{3}{25} + \frac{1}{5} =$  \_\_\_\_\_

13.)  $\frac{1}{8} + \frac{8}{11} =$  \_\_\_\_\_

6.)  $\frac{5}{8} + \frac{5}{24} =$  \_\_\_\_\_

14.)  $\frac{9}{12} + \frac{7}{28} =$  \_\_\_\_\_

7.)  $\frac{11}{12} + \frac{3}{4} =$  \_\_\_\_\_

15.)  $\frac{5}{6} + \frac{5}{9} =$  \_\_\_\_\_

8.)  $\frac{3}{8} + \frac{6}{10} =$  \_\_\_\_\_

16.)  $\frac{10}{15} + \frac{16}{32} =$  \_\_\_\_\_



## ANSWER KEY

$$1.) \quad \frac{1}{10} + \frac{1}{5} = \frac{3}{10}$$

$$9.) \quad \frac{1}{9} + \frac{4}{5} = \frac{41}{45}$$

$$2.) \quad \frac{3}{5} + \frac{1}{3} = \frac{14}{15}$$

$$10.) \quad \frac{1}{6} + \frac{2}{9} = \frac{7}{18}$$

$$3.) \quad \frac{6}{7} + \frac{1}{2} = 1\frac{5}{14}$$

$$11.) \quad \frac{4}{9} + \frac{7}{12} = 1\frac{1}{36}$$

$$4.) \quad \frac{2}{12} + \frac{1}{11} = \frac{17}{66}$$

$$12.) \quad \frac{8}{11} + \frac{8}{12} = 1\frac{13}{33}$$

$$5.) \quad \frac{3}{25} + \frac{1}{5} = \frac{8}{25}$$

$$13.) \quad \frac{1}{8} + \frac{8}{11} = \frac{75}{88}$$

$$6.) \quad \frac{5}{8} + \frac{5}{24} = \frac{5}{6}$$

$$14.) \quad \frac{9}{12} + \frac{7}{28} = 1$$

$$7.) \quad \frac{11}{12} + \frac{3}{4} = 1\frac{2}{3}$$

$$15.) \quad \frac{5}{6} + \frac{5}{9} = 1\frac{7}{18}$$

$$8.) \quad \frac{3}{8} + \frac{6}{10} = \frac{39}{40}$$

$$16.) \quad \frac{10}{15} + \frac{16}{32} = 1\frac{1}{6}$$