

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.

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

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

9.)  $\frac{2}{18} + \frac{5}{6} =$  \_\_\_\_\_

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

10.)  $\frac{3}{14} + \frac{2}{7} =$  \_\_\_\_\_

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

11.)  $\frac{1}{2} + \frac{5}{12} =$  \_\_\_\_\_

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

12.)  $\frac{2}{7} + \frac{1}{9} =$  \_\_\_\_\_

5.)  $\frac{1}{6} + \frac{4}{5} =$  \_\_\_\_\_

13.)  $\frac{2}{7} + \frac{3}{12} =$  \_\_\_\_\_

6.)  $\frac{7}{8} + \frac{3}{4} =$  \_\_\_\_\_

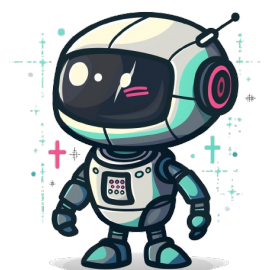
14.)  $\frac{7}{10} + \frac{11}{20} =$  \_\_\_\_\_

7.)  $\frac{2}{7} + \frac{6}{10} =$  \_\_\_\_\_

15.)  $\frac{4}{5} + \frac{4}{10} =$  \_\_\_\_\_

8.)  $\frac{7}{10} + \frac{2}{5} =$  \_\_\_\_\_

16.)  $\frac{3}{7} + \frac{1}{21} =$  \_\_\_\_\_



## ANSWER KEY

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

$$9.) \quad \frac{2}{18} + \frac{5}{6} = \frac{17}{18}$$

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

$$10.) \quad \frac{3}{14} + \frac{2}{7} = \frac{1}{2}$$

$$3.) \quad \frac{2}{5} + \frac{1}{2} = \frac{9}{10}$$

$$11.) \quad \frac{1}{2} + \frac{5}{12} = 1\frac{1}{12}$$

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

$$12.) \quad \frac{2}{7} + \frac{1}{9} = \frac{25}{63}$$

$$5.) \quad \frac{1}{6} + \frac{4}{5} = \frac{29}{30}$$

$$13.) \quad \frac{2}{7} + \frac{3}{12} = \frac{15}{28}$$

$$6.) \quad \frac{7}{8} + \frac{3}{4} = 1\frac{5}{8}$$

$$14.) \quad \frac{7}{10} + \frac{11}{20} = 1\frac{1}{4}$$

$$7.) \quad \frac{2}{7} + \frac{6}{10} = \frac{31}{35}$$

$$15.) \quad \frac{4}{5} + \frac{4}{10} = 1\frac{1}{5}$$

$$8.) \quad \frac{7}{10} + \frac{2}{5} = 1\frac{1}{10}$$

$$16.) \quad \frac{3}{7} + \frac{1}{21} = \frac{10}{21}$$