

Adding Fractions With Different Denominators Worksheets

This worksheet is to help kids practice [adding fractions having different denominators](#). This is a guided worksheet, which means students need to fill in the blanks to complete the solution to each problem.

$$1) \quad \frac{5}{6} + \frac{5}{12}$$

Both the fractions got different denominators; 6 and 12. To add these fractions, we need to convert these fractions into equivalent fractions with a common denominator.

The common denominator is the least common multiple of 6 and 12 which is 12. Hence multiply the first fraction with 2 and second fraction already have its denominator as 12.

$$= \frac{5 \times 2}{6 \times 2} + \frac{5}{12} = \frac{\boxed{}}{12} + \frac{5}{\boxed{}} = \frac{\boxed{}}{12} = \frac{\boxed{} \div 3}{12 \div 3} = \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

$$2) \quad \frac{2}{5} + \frac{7}{15}$$

Hint: Least common multiple of 5 and 15 = 15, hence change the first denominator to 15 as the second one is 15 already.

$$= \frac{2 \times \boxed{}}{5 \times \boxed{}} + \frac{\boxed{}}{15} = \frac{\boxed{}}{15} + \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$

$$3) \quad \frac{8}{15} + \frac{7}{12}$$

Least common multiple for 15 and 12 =

$$= \frac{\boxed{} \times 4}{15 \times 4} + \frac{7 \times \boxed{}}{\boxed{} \times 5} = \frac{\boxed{}}{60} + \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$