

Adding Fractions With Unlike Denominators Worksheets

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

$$1) \quad \frac{1}{3} + \frac{1}{4}$$

Both the fractions got different denominators, 3 and 4. To add these fractions, we need to convert these fractions into equivalent fractions with a common denominator.

The common denominator is least common multiple of 3 and 4 which is 12. Hence multiply the first fraction with 4 and second fraction with 3 as shown below:

$$= \frac{1 \times 4}{3 \times 4} + \frac{1 \times 3}{4 \times 3} = \frac{\boxed{}}{12} + \frac{3}{\boxed{}} = \frac{\boxed{}}{12}$$

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

Hint: Least common multiple of 3 and 4 = 12, hence change both the denominators to 12.

$$= \frac{2 \times \boxed{}}{3 \times \boxed{}} + \frac{1 \times \boxed{}}{4 \times \boxed{}} = \frac{\boxed{}}{12} + \frac{\boxed{}}{12} = \frac{\boxed{}}{\boxed{}}$$

$$3) \quad \frac{1}{5} + \frac{2}{3}$$

Least common multiple for 5 and 3 =

$$= \frac{\boxed{} \times 3}{5 \times 3} + \frac{2 \times \boxed{}}{\boxed{} \times 5} = \frac{\boxed{}}{15} + \frac{\boxed{}}{\boxed{}} = \frac{\boxed{}}{\boxed{}}$$