

Guided worksheet on adding fractions and mixed numbers

By doing this worksheet students can learn all the basic steps needed to add fractions and mixed numbers. It is highly recommended for students to fill in all the blanks in each problem given below: *(All the fractions have same denominators)*

$$\begin{aligned} 1) \quad & \frac{2}{5} + 2\frac{1}{5} \\ & = 2\frac{2+1}{5} \\ & = 2\frac{3}{5} \end{aligned}$$

In this problem we need to add a proper fraction to a mixed number. Both the fractions have the same denominator of 5, so it is very easy to add them. Just add both the numerators 2 and 1 to get the new numerator 3. The answer keeps the common denominator 5, and only whole number 2 at the front.

$$\begin{aligned} 2) \quad & \frac{1}{7} + 1\frac{3}{7} \\ & = \square \frac{1+\square}{7} \\ & = 1\frac{4}{\square} \end{aligned}$$

$$\begin{aligned} 3) \quad & 3\frac{4}{6} + \frac{1}{6} \\ & = 3\frac{\square+\square}{6} \\ & = \square\frac{\square}{\square} \end{aligned}$$

$$\begin{aligned} 4) \quad & 1\frac{2}{7} + 4\frac{3}{7} \\ & = (1+4)\frac{\square+\square}{7} \\ & = 5\frac{5}{7} \end{aligned}$$

$$\begin{aligned} 5) \quad & 2\frac{2}{5} + 1\frac{3}{5} \\ & = (2+1)\frac{\square+\square}{5} \\ & = 3\frac{5}{5} = 3 + 1 = 4 \end{aligned}$$

Because $\frac{5}{5} = 1$ and add this to the whole number 3 to get the answer 4.

$$\begin{aligned} 6) \quad & 3\frac{4}{9} + 5\frac{5}{9} \\ & = (3+5)\frac{\square+\square}{9} \\ & = \square\frac{\square}{9} = 8 + \square = \square \end{aligned}$$