

**AIM:** 3-3 How do we ADD & SUBTRACT fractions and mixed numbers?

**Now You Try!** Write all fractions as *mixed numbers* in simplest form.

ANSWER ALL QUESTIONS ON A SEPARATE SHEET OF PAPER.

**MILD:**

1) $\frac{2}{5} + \frac{1}{5}$ $\frac{3}{5}$	2) $\frac{7}{8} - \frac{1}{8}$ $\frac{6}{8} = \frac{3}{4}$	3) $5\frac{8}{15} - 2\frac{2}{15}$ $3\frac{6}{15} = 3\frac{2}{5}$	4) $2\frac{1}{9} + 2\frac{3}{9}$ $4\frac{4}{9}$
5) $\frac{5}{8} + \frac{7}{16}$ $\frac{17}{16} = 1\frac{1}{16}$	6) $\frac{3}{4} - \frac{4}{7}$ $\frac{5}{28}$	7) $3\frac{7}{10} - 2\frac{1}{30}$ $1\frac{20}{30} = 1\frac{2}{3}$	8) $6\frac{2}{3} + 2\frac{1}{4}$ $8\frac{11}{12}$

**MEDIUM:**

1) $\frac{18}{24} - \frac{10}{24}$ $\frac{8}{24} = \frac{1}{3}$	2) $1 - \frac{4}{7}$ $\frac{3}{7}$	3) $\frac{8}{5} + \frac{5}{2}$ $\frac{13}{10} = 1\frac{3}{10}$	4) $1\frac{1}{6} + \frac{2}{3}$ $1\frac{5}{6}$
5) $4\frac{5}{6} - 3\frac{3}{5}$ $1\frac{7}{30}$	6) $1\frac{6}{11} - \frac{2}{5}$ $1\frac{8}{55}$	7) $4\frac{6}{7} - 1\frac{7}{9}$ $3\frac{5}{63}$	8) $\frac{6}{9} + \frac{7}{12} - \frac{2}{3}$ $45 - 24 = \frac{21}{36} = \frac{7}{12}$

**SPICY:**

1) $\frac{8}{12} + \frac{5}{11}$ $\frac{4}{33}$ $\frac{148}{121} = 1\frac{26}{121}$	2) $100\frac{16}{16} - 17\frac{9}{16}$ $82\frac{7}{16}$	3) $\frac{171}{20} + \frac{140}{9}$ $\frac{311}{180} = 1\frac{131}{180}$	4) $\frac{20}{12} - \frac{15}{8} + \frac{18}{4}$ $\frac{23}{24}$
5) $1\frac{2}{9} + 2\frac{3}{17}$ $3\frac{61}{153}$	6) $4\frac{56}{15} - 3\frac{30}{7}$ $1\frac{26}{105}$	7) $3\frac{18}{7} - 1\frac{49}{9}$ $2\frac{32}{63}$	8) $\frac{104}{11} + \frac{99}{13} + \frac{65}{11}$ $\frac{268}{143} = 1\frac{125}{143}$