

Name

Date



## ADDING SUBTRACTING IMPROPER FRACTIONS SHEET 2

- Add or subtract the fractions then simplify the answer if needed.
- Give your answer as both an improper fraction and a mixed fraction.

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

2)  $\frac{9}{5} - \frac{1}{2} =$

3)  $\frac{7}{5} - \frac{1}{3} =$

4)  $\frac{3}{2} + \frac{5}{6} =$

5)  $\frac{13}{9} + \frac{11}{9} =$

6)  $\frac{11}{6} - \frac{2}{5} =$

7)  $\frac{9}{7} - \frac{2}{3} =$

8)  $\frac{7}{4} + \frac{4}{5} =$

9)  $\frac{11}{12} + \frac{7}{6} =$

10)  $\frac{11}{3} - \frac{3}{4} =$

11)  $\frac{13}{7} + \frac{1}{2} =$

12)  $\frac{11}{8} - \frac{2}{3} =$

13)  $\frac{11}{4} - \frac{5}{6} =$

14)  $\frac{9}{7} + \frac{2}{5} =$

15)  $\frac{10}{9} + \frac{7}{18} =$

16)  $\frac{15}{6} - \frac{2}{5} =$

17)  $\frac{17}{9} - \frac{2}{3} =$

18)  $\frac{15}{8} + \frac{5}{16} =$

19)  $\frac{23}{20} + \frac{3}{2} =$

20)  $\frac{11}{6} - \frac{3}{7} =$



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# ADDING SUBTRACTING IMPROPER FRACTIONS

## SHEET 2 ANSWERS

$$1) \quad \frac{3}{4} + \frac{4}{3} = \frac{23}{12} \quad \text{or } 1 \frac{11}{12} \quad 2) \quad \frac{9}{5} - \frac{1}{2} = \frac{13}{10} \quad \text{or } 1 \frac{3}{10}$$

$$3) \quad \frac{7}{5} - \frac{1}{3} = \frac{16}{15} \quad \text{or } 1 \frac{1}{15} \quad 4) \quad \frac{3}{2} + \frac{5}{6} = \frac{7}{3} \quad \text{or } 2 \frac{1}{3}$$

$$5) \quad \frac{13}{9} + \frac{11}{9} = \frac{8}{3} \quad \text{or } 2 \frac{2}{3} \quad 6) \quad \frac{11}{6} - \frac{2}{5} = \frac{43}{30} \quad \text{or } 1 \frac{13}{30}$$

$$7) \quad \frac{9}{7} - \frac{2}{3} = \frac{13}{21} \quad 8) \quad \frac{7}{4} + \frac{4}{5} = \frac{51}{20} \quad \text{or } 2 \frac{11}{20}$$

$$9) \quad \frac{11}{12} + \frac{7}{6} = \frac{25}{12} \quad \text{or } 2 \frac{1}{12} \quad 10) \quad \frac{11}{3} - \frac{3}{4} = \frac{35}{12} \quad \text{or } 2 \frac{11}{12}$$

$$11) \quad \frac{13}{7} + \frac{1}{2} = \frac{33}{14} \quad \text{or } 2 \frac{5}{14} \quad 12) \quad \frac{11}{8} - \frac{2}{3} = \frac{17}{24}$$

$$13) \quad \frac{11}{4} - \frac{5}{6} = \frac{23}{12} \quad \text{or } 1 \frac{11}{12} \quad 14) \quad \frac{9}{7} + \frac{2}{5} = \frac{59}{35} \quad \text{or } 1 \frac{24}{35}$$

$$15) \quad \frac{10}{9} + \frac{7}{18} = \frac{3}{2} \quad \text{or } 1 \frac{1}{2} \quad 16) \quad \frac{15}{6} - \frac{2}{5} = \frac{21}{10} \quad \text{or } 2 \frac{1}{10}$$

$$17) \quad \frac{17}{9} - \frac{2}{3} = \frac{11}{9} \quad \text{or } 1 \frac{2}{9} \quad 18) \quad \frac{15}{8} + \frac{5}{16} = \frac{35}{16} \quad \text{or } 2 \frac{3}{16}$$

$$19) \quad \frac{15}{22} + \frac{3}{2} = \frac{24}{11} \quad \text{or } 2 \frac{2}{11} \quad 20) \quad \frac{11}{6} - \frac{3}{7} = \frac{59}{42} \quad \text{or } 1 \frac{17}{42}$$

