Adding and Subtracting Fractions (A)

Find the value of each expression in lowest terms.

1. $\frac{23}{6} - \frac{5}{6}$

2. $\frac{21}{8} - \frac{3}{8}$

3. $\frac{21}{4} + \frac{17}{4}$

4. $\frac{17}{9} - \frac{17}{9}$

5. $\frac{23}{9} + \frac{17}{9}$

6. $\frac{7}{3} - \frac{1}{3}$

7. $\frac{1}{6} + \frac{13}{6}$

8. $\frac{23}{2} - \frac{19}{2}$

9. $\frac{20}{7} - \frac{15}{7}$

10. $\frac{13}{6} - \frac{5}{6}$

11. $\frac{17}{8} + \frac{3}{8}$

12. $\frac{17}{10} + \frac{13}{10}$

Adding and Subtracting Fractions (A) Answers

Find the value of each expression in lowest terms.

1. $\frac{23}{6} - \frac{5}{6}$
$= 3$

2. $\frac{21}{8} - \frac{3}{8}$
$= \frac{9}{4} = 2\frac{1}{4}$

3. $\frac{21}{4} + \frac{17}{4}$
$= \frac{19}{2} = 9\frac{1}{2}$

4. $\frac{17}{9} - \frac{17}{9}$
$= 0$

5. $\frac{23}{9} + \frac{17}{9}$
$= \frac{40}{9} = 4\frac{4}{9}$

6. $\frac{7}{3} - \frac{1}{3}$
$= 2$

7. $\frac{1}{6} + \frac{13}{6}$
$= \frac{7}{3} = 2\frac{1}{3}$

8. $\frac{23}{2} - \frac{19}{2}$
$= 2$

9. $\frac{20}{7} - \frac{15}{7}$
$= \frac{5}{7}$

10. $\frac{13}{6} - \frac{5}{6}$
$= \frac{4}{3} = 1\frac{1}{3}$

11. $\frac{17}{8} + \frac{3}{8}$
$= \frac{5}{2} = 2\frac{1}{2}$

12. $\frac{17}{10} + \frac{13}{10}$
$= 3$