Adding and Subtracting Mixed Fractions (A)

Find the value of each expression in lowest terms.

1. $1\frac{9}{11} + 2\frac{2}{11}$

2. $9\frac{1}{2} + 7\frac{1}{2}$

3. $1\frac{1}{12} + 1\frac{11}{12}$

4. $1\frac{9}{11} + 1\frac{1}{11}$

5. $3\frac{3}{4} - 1\frac{1}{4}$

6. $8\frac{1}{2} - 7\frac{1}{2}$

7. $1\frac{3}{8} + 1\frac{1}{8}$

8. $1\frac{7}{12} + 1\frac{11}{12}$

9. $2\frac{1}{9} - 2\frac{1}{9}$

10. $2\frac{1}{9} - 1\frac{7}{9}$

11. $1\frac{1}{3} + 6\frac{2}{3}$

12. $2\frac{1}{10} + 2\frac{3}{10}$

Adding and Subtracting Mixed Fractions (A) Answers

Find the value of each expression in lowest terms.

1. $1\frac{9}{11} + 2\frac{2}{11}$
$= 4$

2. $9\frac{1}{2} + 7\frac{1}{2}$
$= 17$

3. $1\frac{1}{12} + 1\frac{11}{12}$
$= 3$

4. $1\frac{9}{11} + 1\frac{1}{11}$
$= \frac{32}{11} = 2\frac{10}{11}$

5. $3\frac{3}{4} - 1\frac{1}{4}$
$= \frac{5}{2} = 2\frac{1}{2}$

6. $8\frac{1}{2} - 7\frac{1}{2}$
$= 1$

7. $1\frac{3}{8} + 1\frac{1}{8}$
$= \frac{5}{2} = 2\frac{1}{2}$

8. $1\frac{7}{12} + 1\frac{11}{12}$
$= \frac{7}{2} = 3\frac{1}{2}$

9. $2\frac{1}{9} - 2\frac{1}{9}$
$= 0$

10. $2\frac{1}{9} - 1\frac{7}{9}$
$= \frac{1}{3}$

11. $1\frac{1}{3} + 6\frac{2}{3}$
$= 8$

12. $2\frac{1}{10} + 2\frac{3}{10}$
$= \frac{22}{5} = 4\frac{2}{5}$