

Adding and Subtracting Rational Expressions Bell Work

Add or subtract the following rational expressions with the same denominator.

1. $\frac{x}{2} - \frac{3}{2}$

2. $\frac{y}{7} - \frac{5}{7}$

3. $\frac{x}{3} - \frac{2y}{3} + \frac{z}{3}$

4. $\frac{m-n}{4} - \frac{m+n}{4}$

5. $\frac{3a}{a-5} + \frac{-12}{a-5}$

Add or subtract the rational expressions with different denominator.

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

7. $\frac{1}{x} - \frac{2}{x^2} + \frac{3}{x^3}$

8. $\frac{5}{c} - \frac{c}{c-7}$

9. $\frac{16}{4p^2} - \frac{4}{p}$

10. $\frac{6-4p}{8} - \frac{3-3p}{6}$