EdKonnect Academy
High Quality Online Tutoring

Addition and Subtraction of rational expressions

1. $\frac{2s^2 + 3p^2}{6s^3} + \frac{3s^2 - 7p^2}{6s^3}$

2. $\frac{7d + 7r}{5d^4} - \frac{6d + 9r}{5d^4}$

3. $\frac{6g^5 - 7b^5}{2g^6b^6} - \frac{6g^5 + 5b^5}{2g^6b^6}$

4. $\frac{6x^3 - 6}{2x^4 + 7} + \frac{4x^3}{2x^4 + 7}$

5. $\frac{4q^2 + 9x^2}{5q^4x^4} + \frac{4q^2 + 5x^2}{5q^4x^4}$

6. $\frac{6z + 7}{3z^3 - 17z} - \frac{7z + 4}{3z^3 - 17z}$

7. $\frac{3k + 2}{8k^2 - 11} - \frac{6k}{8k^2 - 11}$

8. $\frac{7p - 3}{5p^5 - 15p} + \frac{4p + 2}{5p^5 - 15p}$

9. $\frac{3y}{2} - \frac{5y + 1}{7y + 9}$

10. $\frac{h}{6} + \frac{8h + 9}{h + 7}$

Answers

1. $\frac{5s^2-4P^2}{6s^3}$

2. $\frac{d-2r}{5d^4}$

3. $\frac{-6}{bg^6}$

4. $\frac{10x^3-6}{2x^4+7}$

5. $\frac{8q^2+14x^2}{5q^4x^4}$

6. $\frac{-z+3}{3z^2-17z}$

7. $\frac{-3k+2}{8k^2-11}$

8. $\frac{11p-1}{5P(p^4-3)}$

9. $\frac{21y^2+17y-2}{2(7y+9)}$

10. $\frac{(h+54)(h+1)}{6(h+7)}$