

Answers to Adding and Subtracting Rational Expressions with Unlike Denominators II

$$\begin{array}{llll}
 1) \frac{2x+2}{(x-2)(x+2)} & 2) \frac{y+3}{y(y-9)(y+1)} & 3) \frac{6}{(w+1)(w+4)} & 4) \frac{t^2-6t-5}{(t-5)^2(t+5)} \\
 5) \frac{n^2-3n-1}{(n+1)(n-3)(n-2)} & 6) \frac{v^2-2v+8}{(v+4)(v-4)(2v-1)} & 7) \frac{3+9a-a^2}{a(a-6)(3a+1)} & \\
 8) \frac{5x-12}{x^2(x-4)^2} & 9) \frac{4b+5}{b^3+1} & 10) \frac{x^2-4xy-y^2}{(x-y)(x+y)(x-5y)} &
 \end{array}$$

Answers to Adding and Subtracting Rational Expressions with Unlike Denominators I

$$\begin{array}{llll}
 1) \frac{4m^2+15}{6m} & 2) \frac{4-9y^2}{6y^3} & 3) \frac{5y^4-4x}{6y^3} & 4) \frac{-20a^2b+1}{4ab} \\
 5) \frac{-24+16m-2m^2}{(m-4)(m-5)} & 6) \frac{15r-9+10r^2}{(5r+6)(r-3)} & 7) \frac{3x^2+12x-18}{(x+3)(x+6)} & 8) \frac{10x^2-8x+15}{(2x-1)(x-5)} \\
 9) \frac{2x^3-71x-4}{2x(x+6)(x-4)} & 10) \frac{15m^2+9m-4}{(5m-2)(m+1)} & 11) \frac{19p+86}{3(p+5)(p-4)} & 12) \frac{-p^2-35p}{(p+5)(p-1)}
 \end{array}$$

TYP0 # 38 ANSWERS

38 should be

$$\frac{2x^2-3x-15}{(x+3)(x+3)(x-3)}$$