

Partial Fractions Homework

1. $\frac{4}{x(x-1)}$

2. $\frac{3x}{(x+2)(x-1)}$

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

$$4. \frac{x^2}{(x+1)(x-1)^2}$$

$$5. \frac{x+1}{x^2(x-2)}$$

$$6. \frac{\frac{1}{x^3}}{8}$$

$$7. \frac{2x+4}{x^3-1}$$

$$8. \frac{x^2}{(x+1)^2(x-1)^2}$$

$$9. \frac{x^2-x-8}{(x+1)(x^2+5x+6)}$$