Use the method of partial fractions to rewrite the following

1. $$\dfrac{2x-8}{x^2-5x+6}$$

Use the method of partial fractions to rewrite the following

2. $$\frac{3x-2}{5x^2-10x}$$

Use the method of partial fractions to rewrite the following

3. $\dfrac{2x^2 + 5}{x^2 - 16}$

Use the method of partial fractions to rewrite the following

4. $$\dfrac{2x^3 - 3x}{(x\text{-}2)(x+5)}$$

Use the method of partial fractions to rewrite the following

3. $$\dfrac{4x^2 + 3}{x^2(x-2)}$$

Use the method of partial fractions to rewrite the following

4. $$\dfrac{3x^2 - x + 2}{(x\text{-}5)(x+2)^2}$$

Use the method of partial fractions to rewrite the following

5. $\dfrac{5}{x\left(x^2+6\right)}$