

$$\begin{aligned}
 2 \text{ (iv)} \quad & \frac{x^3 + 2x^2 + 3x}{2x} \\
 &= \frac{\cancel{x}(x^2 + 2x + 3)}{\cancel{2x}} \\
 &= \frac{x^2 + 2x + 3}{2}
 \end{aligned}$$

$$\begin{aligned}
 \text{(v)} \quad & \frac{p^3q^6 - p^6q^3}{p^3q^3} \\
 &= \frac{\cancel{p^3q^3}(q^3 - p^3)}{\cancel{p^3q^3}} \\
 &= q^3 - p^3
 \end{aligned}$$

$$\begin{aligned}
 3 \text{ (i)} \quad & \frac{10x - 25}{5} \\
 &= \frac{\cancel{5}(2x - 5)}{\cancel{5}} \\
 &= 2x - 5
 \end{aligned}$$

$$\begin{aligned}
 \text{or} \quad &= \frac{10x}{5} - \frac{25}{5} \\
 &= 2x - 5
 \end{aligned}$$

$$\begin{array}{r}
 \text{or} \quad 5 \overline{) 10x - 25} \\
 \underline{10x} \\
 -25 \\
 \underline{-25} \\
 0
 \end{array}$$