

$$4 \text{ (iv)} \quad \frac{4 \cancel{20} (\cancel{y+4}) (y^2 + 5y + 3)}{5 (\cancel{y+4})}$$

$$= 4(y^2 + 5y + 3)$$

$$4 \text{ (v)} \quad \frac{x(\cancel{x+1})(x+2)(x+3)}{x(\cancel{x+1})}$$

$$= (x+2)(x+3)$$

$$5 \text{ (i)} \quad \frac{y^2 + 7y + 10}{y+5}$$

$$\frac{y^2 + 5y + 2y + 10}{y+5}$$

$$\frac{y(y+5) + 2(y+5)}{y+5}$$

$$\frac{(\cancel{y+5})(y+2)}{(\cancel{y+5})}$$

$$y+2$$