Problems

$$4.11$$
) $\frac{2}{c} + \frac{3}{5} = \frac{25}{5} + \frac{57}{5} = \frac{25 + 37}{55}$

$$\frac{5y}{6x^2} - \frac{4}{3xy} = \frac{5y^2}{6x^2y} - \frac{8x}{6x^2y}$$

$$= \frac{5y^2 - 8x}{6x^2y}$$

$$\frac{2a^{3}}{a^{3}b} + \frac{3b}{a-1} - \frac{3b-3}{6ab-6a}$$

$$\frac{2}{b} + \frac{3b}{a-1} - \frac{3(b-1)}{6a(b-1)}$$

$$\frac{2}{b} + \frac{3b}{a-1} - \frac{1}{2a}$$

$$\frac{4a(a-1)}{2ab(a-1)} + \frac{6ab^2}{2ab(a-1)} - \frac{b(a-1)}{2ab(a-1)}$$

$$\frac{4a^{2}-4a+6ab^{2}-ab+b}{2ab(a-1)}=\frac{4a^{2}+6ab^{2}-4a-ab+b}{2ab(a-1)}$$

Exercises

$$\frac{-4}{x} + \frac{7}{y} = \frac{-4y}{xy} + \frac{7x}{xy} = \frac{7x - 4y}{xy}$$

$$\frac{2y}{qx^2} = \frac{6-y}{5x} = \frac{2y}{qx^2} = \frac{3x(6-y)}{qx^2}$$

$$= \frac{6x_5}{5A - 18x + 3xA}$$

4.4.3)

$$\frac{24a}{6a6^{2}} + \frac{q-b}{qa^{2}b} = \frac{3a(24a)}{18a^{2}b^{2}} + \frac{26(q-b)}{18a^{2}b^{2}}$$

$$\frac{9r - 8s}{2t^2 - 2t5} + \frac{3r^2}{rs - r}$$

$$\frac{8(5-5)}{2r(r-5)} + \frac{3r^2}{r(s-1)} = \frac{4}{r} + \frac{3r}{5-1}$$

$$-\frac{4(s-1)}{r(s-1)}+\frac{3r^2}{r(s-1)}$$