(2x+34) = 3x/3 x+44) = 4x+ 12xy+942-· - 4x - 12 xy = 9 g = 9 0 13 = 27 2) 28ab + /2a-2b) = 28ab + 4a - 28ab + 48b? = 49 62 = 4. 15 +49. 8 = (52) 1 / 2 + 9) · 1 = 1 / 3 a = 10 a 10 a = 7 7 7 TO Q = 10.0,7 = (I) $(x - \frac{6x}{x+2})$, $(\frac{x-4}{x+2}) = \frac{6x}{x+2}$ $(\frac{x+2}{x-4})$ $\frac{1}{x} = \frac{x+2}{x-4} - \frac{6x}{x+2} = \frac{x+2x}{x-4}$ 6 × ×-4 * $= \frac{x^2 - 4x}{x - 4} = \frac{x(x - 4)}{x - 4} = x - 5$ (a 1 b2) (ab) = [9 b 2 + 9 a) g 6) 5 0 6 8 2 104 + 1 2 5k - 10k +1 - 10k 10k + 1 1 (0)5 6

 $\frac{2}{3} \times \frac{2}{4} \times \frac{2}$ 7) $\frac{3x+4-x-9}{x-2} = \frac{2x+4-2x-9}{x-2} = \frac{2x+2}{x}$ x-2 - $2x+2 \times 2x \times 2x + 2 \times 4 = 2x \times 4 = 2x$