

(4) 计算: $(1 - \frac{1}{a-2}) \div \frac{3-a}{2a-4}$.

(7) 计算 $\frac{3x}{x-4y} + \frac{x+y}{4y-x} - \frac{7y}{x-4y}$

(5) 化简: $\frac{x-1}{x+2} \div \frac{x^2-2x+1}{x^2-4} + \frac{1}{x-1}$

(8) $(\frac{x+3}{x^2-3x} - \frac{x-1}{x^2-6x+9}) \div \frac{x-9}{x}$

(9) $\frac{a^2-b^2}{a^2b-ab^2} \div (1 + \frac{a^2+b^2}{2ab})$

(6) 化简: $(\frac{x-1}{x+1} + \frac{2x}{x^2-1}) \div \frac{1}{x^2-1}$

(10) 计算: $\frac{2-x}{x-1} \div \left(x+1 - \frac{3}{x-1}\right)$.