

$$\frac{2a+4}{a^2-4} \div \frac{1}{a-2} = 2$$

$$\frac{2.(a+b)}{3a-3b} \div \frac{6a+6b}{a^2-ab} = \frac{a}{9}$$

$$\frac{2x+2y}{3y-6} \div \frac{x+y}{y-2} = \frac{2}{3}$$

$$\frac{a^2-25}{a^2+10a+25} \div \frac{7a-35}{a^2+5a} = \frac{a}{7}$$

$$\frac{p+q}{p-q} \div \frac{p^2-q^2}{p^2-2pq+q^2} = 1$$

$$\left(\frac{2a-3}{a-1} + \frac{a+4}{a^2-1} \right) \div \frac{a}{a+1} = \frac{2a^2+1}{a^2-a}$$