

Simplify into a single non-complex fraction.

$$(1) \quad \frac{\frac{1}{2} - \frac{7}{9}}{\frac{11}{6} + \frac{1}{4}} =$$

$$(2) \quad \frac{\frac{a-b}{1} - \frac{1}{b}}{\frac{1}{a} - \frac{1}{b}} =$$

$$(3) \quad \frac{\frac{6}{t-1} - 2}{\frac{5}{t+1} - 1} =$$

$$(4) \quad \frac{\frac{7}{x+10} - \frac{3}{x}}{\frac{5}{x} + \frac{1}{x+10}} =$$

$$(5) \quad \frac{\frac{z-1}{6z-12} - \frac{1}{4}}{z-4} =$$

$$(6) \quad \frac{\frac{x+1}{x-5} + \frac{2}{x+3}}{\frac{1}{x-5} + \frac{1}{x+3}} =$$