

$$1) \frac{5 + \frac{1}{3}}{\frac{3}{5}} = \frac{\frac{16}{3}}{\frac{3}{5}} = \frac{16}{3} \times \frac{5}{3} = \boxed{\frac{80}{9}}$$

$$\frac{7}{12} = \frac{7}{12} = \frac{7}{12} \times \frac{4}{3} = \frac{7 \times 1}{3 \times 3} = \boxed{\frac{7}{9}}$$

$$\left(\frac{a}{b}\right)^{-1} \times \frac{3a^2}{b} = \frac{b}{a} \times \frac{3a^2}{b} = \boxed{3a}$$

$$\frac{1}{\frac{1}{a} - \frac{1}{b}} = \frac{1}{\frac{b-a}{ab}} = \boxed{\frac{ab}{b-a}}$$

$$2) \frac{1}{926} = \frac{1}{\frac{26}{100}} = \frac{100}{26} = \boxed{\frac{50}{13}}$$

$$3) \frac{4n+8}{2n^2+8} = \frac{2(2n+4)}{2(n^2+4)} = \boxed{\frac{2n+4}{n^2+4}}$$

$$4) \frac{3n^2+5n}{n^2} = \boxed{3 + \frac{5}{n}}$$

$$\frac{n+2}{n+3} = \boxed{\frac{n}{n+3} + \frac{2}{n+3}}$$

$$5) 8 = 1,2 \times \frac{8}{1,2} = 1,2 \times \frac{80}{12} = 1,2 \times \boxed{\frac{20}{3}}$$

$$\frac{7}{2b+8} = \frac{1}{2} \times \boxed{\frac{7}{b+4}}$$