

1. Solve the equations

(a) $16 = 3(x - 1) - (x - 7)$

(b) $\frac{3x}{5} = \frac{2x}{3} + 1$

2. Solve the equation.

$$\frac{x+3}{6} = \frac{2}{3} - \frac{x-5}{4}$$