Solving Equation – Challenge

Using what you understand about solving equations, solve for x in the following equations. The answer will be a variable expression.

$x - a = b$

$ax = b$

$ax + b = c$

$c - bx = a$

$a = bx + c$

$a(x + b) = c$

$a(bx - c) = d$

$\dfrac{x}{a} + b = c$

$\dfrac{ax}{b} - c = d$

$\dfrac{x - b}{a} = d$

$ax + \dfrac{b}{c} = d$

$\dfrac{x}{a} + \dfrac{b}{c} = d$