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TRANSPOSITION OF FORMULAE AND SOLVING OR SIMULTANEOUS LINEAR EQUATIONS

Exercise 4.3: Solve for x in the following linear equations:

a)
$$2(3x+5) = 4x$$

b)
$$2(4x-1) = 2x$$

c)
$$x^2 + 25 = 50$$

d)
$$2x^2 + 1 = 12$$

i)
$$3(3x+2) = 4(x-1)$$

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$$j) \ \frac{1}{5}(4-3x) = 4$$

$$j) \frac{x}{3} - \frac{2(x-3)}{4} = \frac{1}{6}$$