

Equations se ramenant à une équation du type $ax + b = cx + d$

Résoudre les équations suivantes

a) $4(3x + 2) = 6x + 20$

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$x = \dots$

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

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$x = \dots$

c) $-12y - (-14y - 6) = 3y + 19$

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$y = \dots$

d) $-2(a + 8) + 18 = -7a + 2$

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$a = \dots$

e) $-6(x + 7) + 66 = 102 - 10(x + 7)$

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$x = \dots$

f) $10x + 33 = (x + 11)(x + 1) - x^2 + 16$

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$x = \dots$

g) $4x - (-5x - 33) = (x + 9)(x + 1) - x^2 + 2$

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$x = \dots$

h) $(2x + 7)(3x - 4) = x(6x - 9)$

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$x = \dots$