AB Gleichungen mit Klammern

1 Löse die Gleichung. Löse zunächst die Klammern auf.

a) $3(x + 2) = x + 10$

$____ = ____ \quad | ____$

$____ = ____ \quad | ____$

$____ = ____ \quad | ____$

$x = ____$

b) $5(x – 1) = 2x + 7$

$____ = ____ \quad | ____$

$____ = ____ \quad | ____$

$____ = ____ \quad | ____$

$x = ____$

c) $4(x + 1) = 3x + 5$

$____ = ____ \quad | ____$

$____ = ____ \quad | ____$

$____ = ____ \quad | ____$

$x = ____$

d) $4(x + 2) = 3(x + 3)$

$____ = ____ \quad | ____$

$____ = ____ \quad | ____$

$____ = ____ \quad | ____$

$x = ____$

e) $8(x + 3) = 6(5 + x)$

$____ = ____ \quad | ____$

$____ = ____ \quad | ____$

$____ = ____ \quad | ____$

$x = ____$

f) $9(x + 1) = 7(3 + x)$

$____ = ____ \quad | ____$

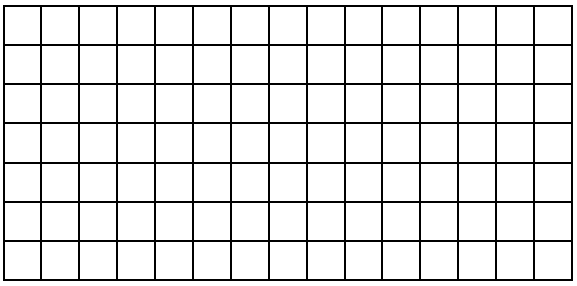
$____ = ____ \quad | ____$

$____ = ____ \quad | ____$

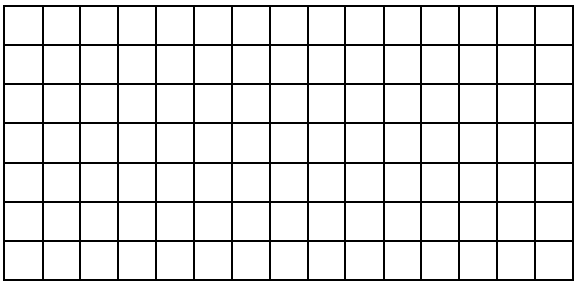
$x = ____$

2 Bestimme die Lösung der Gleichung.

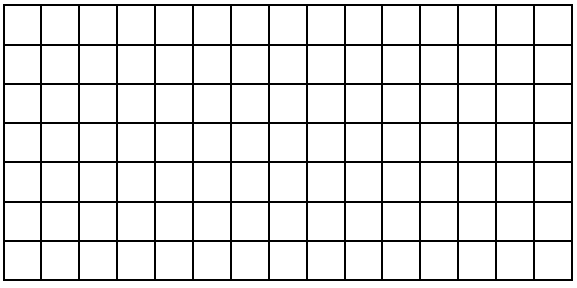
a) $8(x + 4) = 7(5 + x)$



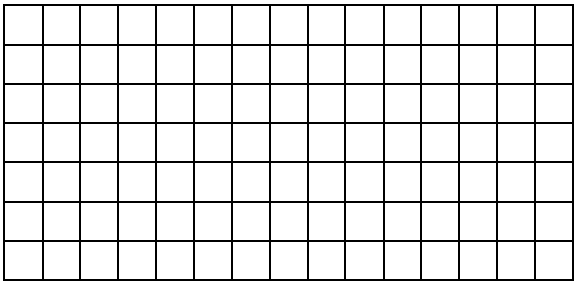
b) $6(x + 2) = 4(x + 4)$



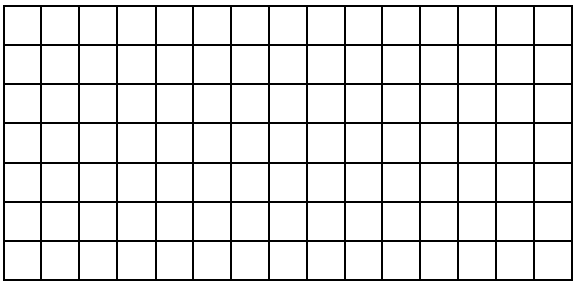
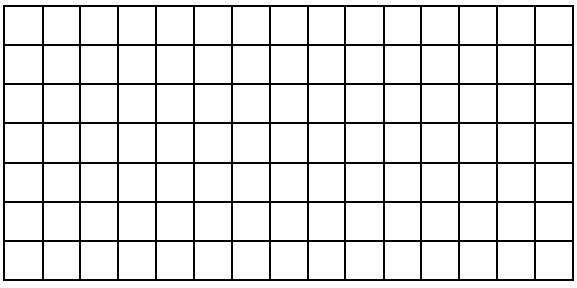
c) $12(1 + x) = 9(4 + x)$



d) $12(1 + x) = 5(x + 8)$



e) $7(x + 3) + 9 = 5(x + 8)$



f) $10(x – 4) = 2(x + 36)$