

Gleichungen

A. Bergkemper, 4/2001

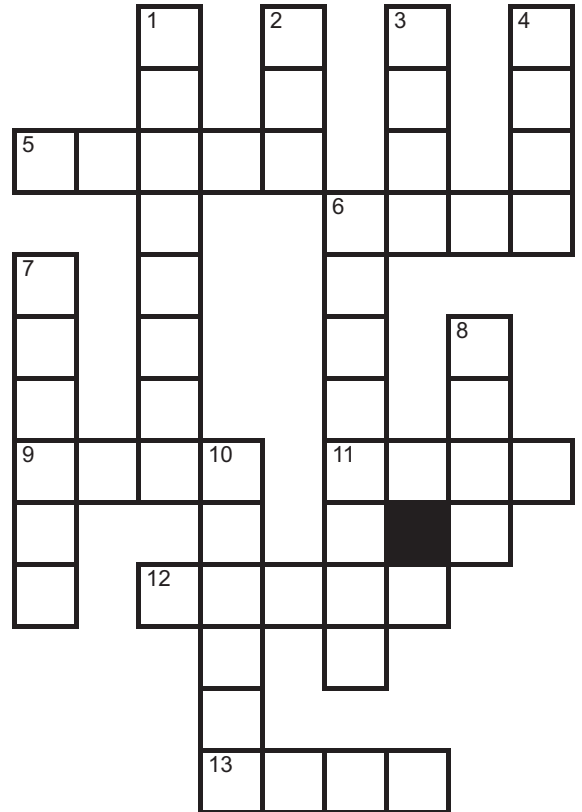
Löse die Gleichungen im Heft und trage die Lösungen als Wörter (ü=ue, ö=oe) ein.

Waagrecht

5. $5x - 5 - 2x = 3(x + 3) - 3x + 1$
6. $4x + 15 + 2x = 25 + 5x - 7$
9. $21x - 12 = 5x + 4$
11. $5(x - 3) + 17 = 4(x + 3)$
12. $25 - 3x = x + 1$
13. $37 - 3x = 2(x - 4)$

Senkrecht

1. $15 - 5(9 - x) = 3x - 2$
2. $17 + 2(x - 4) = 3(x + 1) - 5$
3. $(3x - 4) \cdot 7 = 9x + 20$
4. $4(x + 4) = 49 - 5(x + 3)$
6. $9(x - 7) - 24 = 3(x - 3)$
7. $10(x - 6) = 24 + 3x$
8. $4(3x - 11) + x = 9x + 2(x - 14)$
10. $10 + 4x = 5x + 3(x - 6)$



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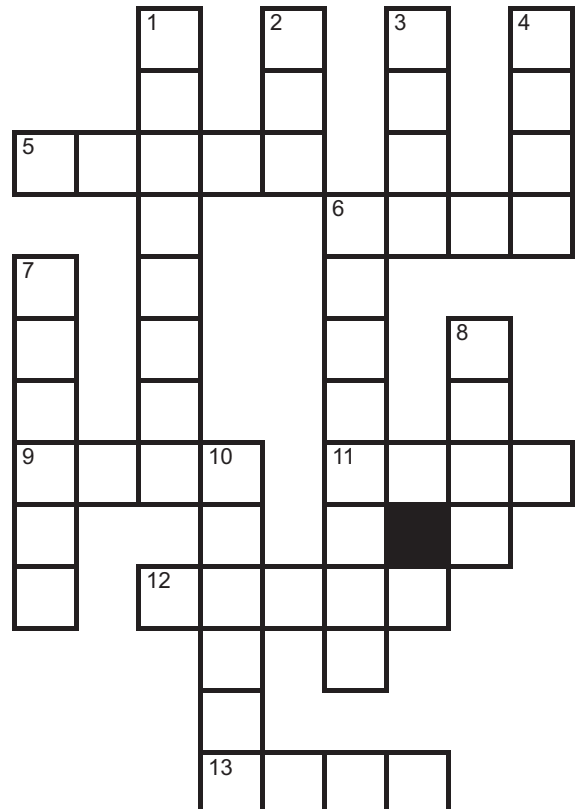
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Lösung:

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5. $5x - 5 - 2x = 3(x + 3) - 3x + 1$ 5
 6. $4x + 15 + 2x = 25 + 5x - 7$ 3
 9. $21x - 12 = 5x + 4$ 1
 11. $5(x - 3) + 17 = 4(x + 3)$ 10
 12. $25 - 3x = x + 1$ 6
 13. $37 - 3x = 2(x - 4)$ 9

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1. $15 - 5(9 - x) = 3x - 2$ 14
 2. $17 + 2(x - 4) = 3(x + 1) - 5$ 11
 3. $(3x - 4) \cdot 7 = 9x + 20$ 4
 4. $4(x + 4) = 49 - 5(x + 3)$ 2
 6. $9(x - 7) - 24 = 3(x - 3)$ 13
 7. $10(x - 6) = 24 + 3x$ 12
 8. $4(3x - 11) + x = 9x + 2(x - 14)$ 8
 10. $10 + 4x = 5x + 3(x - 6)$ 7

