

Gemischte Übungen:

a) $19x + 71 = 128$, $G = \mathbb{N}$

b) $8c - 29 = 43$, $G = \mathbb{N}$

c) $b \div 3 - 9 = 12$, $G = \mathbb{N}$

d) $3k + 6 + 2k = 7k + 32 + 11k$, $G = \mathbb{Z}$

e) $4(z + 5) + 3 = 5 + 2(z - 1)$, $G = \mathbb{Z}$

f) $3w - 3(w - 1) = 5w - 3(2w + 1) + w$, $G = \mathbb{Z}$

g) $\frac{5x}{3} - \frac{3(x-3)}{4} - \frac{5x}{6} + \frac{20-7x}{18} = 0$, $G = \mathbb{Q}$

h) $(2a - 4)^2 - (4a - 2)^2 = 12(1 - a)(1 + a)$, $G = \mathbb{Z}$

i) $7z(2z - 7) - 4z - 60 = (z - 2)(2z - 3) - 2(3z - 1)(3 - 2z)$, $G = \mathbb{Q}$