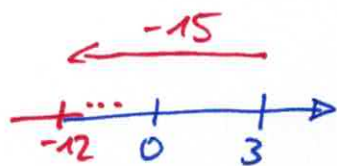


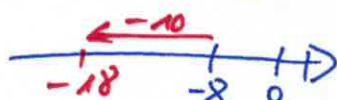
S. 20

Aufgabe 1

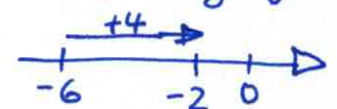
a)  $3 + (-15) = 3 - 15 = \underline{\underline{-12}}$



b)  $-8 + (-10) = -8 - 10 = \underline{\underline{-18}}$

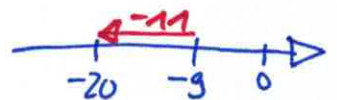


c)  $-6 + 4 = \underline{\underline{-2}}$



d)  $13 + (-13) = 13 - 13 = \underline{\underline{0}}$

e)  $-9 + (-11) = -9 - 11 = \underline{\underline{-20}}$



f)  $2 + (-20) + (-6) + 5 = \underline{2 - 20} - 6 + 5$

$= \underline{\underline{-18}} - 6 + 5 = -24 + 5 = \underline{\underline{-19}}$

g)  $10 + (-19) + (-10) + 3 + (-30) = 10 - 19 - 10 + 3 - 30$

$= -9 - 10 + 3 - 30 = -19 + 3 - 30$

$= -16 - 30 = \underline{\underline{-46}}$

Aufgabe 2

a)  $7a + (-10a) = 7a - 10a = \underline{\underline{-3a}}$

b)  $3a + (-7a) = 3a - 7a = \underline{\underline{-4a}}$

c)  $-9b + 4b = \underline{\underline{-5b}}$

d)  $-15x + 2x = \underline{\underline{-13x}}$

e)  $5a + (-5b) + (-2a) + (-7b) = 5a - 5b - 2a - 7b = \underline{\underline{3a - 12b}}$

f)  $7x + (-5y) + (-12x) + (-10x) = 7x - 5y - 12x - 10x = \underline{\underline{-15x - 5y}}$

g)  $6a + (-4b) + 2b + (-3a) + (+8b) + (-b)$

$= 6a - 4b + 2b - 3a + 8b - b = \underline{\underline{3a + 5b}}$

h)  $10x + (-14y) + (-z) + (-21x) + 9y + (-14z)$

$= \underline{10x} - \underline{14y} - \underline{z} - \underline{21x} + \underline{9y} - \underline{14z}$

$= \underline{\underline{-11x - 5y - 15z}}$