

## Addition und Subtraktion von ganzen Zahlen - Lösungsvorschlag

Folgende **Regeln** kannst du dir beim Üben merken:

1. "plus minus gibt minus":  $14 + (-11) = 14 - 11 = 3$
2. "minus plus gibt minus":  $-15 - (+11) = -15 - 11 = -26$
3. "minus minus gibt plus":  $-30 - (-35) = -30 + 35 = 35 - 30 = 5$
4. "plus plus gibt plus":  $15 + (+20) = 15 + 20 = 35$

Die **-** und **+** müssen **direkt nebeneinander** stehen!

5. Operatoren vertauschen:  $-7 + 8 = 8 - 7 = 1$

Verschmolzene Zeichen sind **rot und fett** hervorgehoben.

1	$-30 + (-46)$	=	$-30 - 46 = -76$
2	$-50 - 2$	=	$-52$
3	$-16 + (-9)$	=	$-16 - 9 = -25$
4	$20 + 8$	=	$28$
5	$-18 - (-17)$	=	$-18 + 17 = 17 - 18 = -1$
6	$21 - (-26)$	=	$21 + 26 = 47$
7	$-46 - (-39)$	=	$-46 + 39 = 39 - 46 = -7$
8	$-8 - 11$	=	$-19$
9	$9 + 47$	=	$56$
10	$-24 - 9$	=	$-33$
11	$-2 + 10$	=	$10 - 2 = 8$
12	$8 + 38$	=	$46$
13	$-10 + 14$	=	$14 - 10 = 4$
14	$48 - (-27)$	=	$48 + 27 = 75$
15	$42 + 36$	=	$78$
16	$40 + (-3)$	=	$40 - 3 = 37$
17	$-16 - (-17)$	=	$-16 + 17 = 17 - 16 = 1$
18	$39 + (-21)$	=	$39 - 21 = 18$
19	$-10 + (-12)$	=	$-10 - 12 = -22$
20	$-45 + 17 + (-19) + 10$	=	$-45 + 17 - 19 + 10 = 27 - 19 - 45 = 8 - 45 = -37$
21	$-13 + (-5) - (-28) - (-38)$	=	$-13 - 5 + 28 + 38 = 66 - 13 - 5 = 48$
22	$-44 + 1 + 5 + (-39)$	=	$-44 + 1 + 5 - 39 = 6 - 44 - 39 = 6 - 83 = -77$
23	$45 + 40 - 36 + 1$	=	$85 + 1 - 36 = 86 - 36 = 50$
24	$11 + (-34) + 18 - (-35)$	=	$11 - 34 + 18 + 35 = 29 + 35 - 34 = 29 + 1 = 30$

25	$22 + (-39) - 32 - (-35)$	=	$22 - 39 - 32 + 35 = 22 + 35 - 39 - 32 = 57 - 71 = -14$
26	$50 - (-12) + (-34) + (-28)$	=	$50 + 12 - 34 - 28 = 62 - 62 = 0$
27	$27 - 18 - 18 - (-50)$	=	$27 - 18 - 18 + 50 = 77 - 18 - 18 = 77 - 36 = 41$
28	$49 - (-13) - (-22) + (-14)$	=	$49 + 13 + 22 - 14 = 84 - 14 = 70$
29	$-21 + (-50) - 47 + 14$	=	$-21 - 50 - 47 + 14 = -118 + 14 = -104$
30	$46 - (-13) - (-10) + (-24)$	=	$46 + 13 + 10 - 24 = 69 - 24 = 45$
31	$27 - 38 - 45 + (-10)$	=	$27 - 38 - 45 - 10 = 27 - 93 = -66$
32	$-25 + 49 - (-13) + 6$	=	$-25 + 49 + 13 + 6 = 68 - 25 = 43$