

1. (a) $(+10) + (-6) - (+7) =$ (e) $(+48) - (+23) - (-52) - (+5) =$
(b) $(+15) - (-9) + (-12) =$ (f) $(-75) + (+15) - (-36) - (+6) =$
(c) $(-21) - (+8) + (+11) =$ (g) $(+91) + (-70) - (+14) + (-30) =$
(d) $(-9) + (+16) - (-10) =$ (h) $(-64) - (+12) - (-80) - (-18) =$

2. (a) $(+8.5) + (+7.3) - (+4.5) =$
(b) $(-11.2) - (-2.75) + (+0.23) =$
(c) $(+100) + (-25.09) - (+6.31) =$
(d) $(+7.5) - (+22) - (-5.17) =$
(e) $(+0.36) - (+2.7) - (+0.3) - (-1.64) =$
(f) $(-12.5) + (+7.5) + (-0.15) + (+80) =$
(g) $(+20.01) - (+3.5) - (-0.9) + (-6.11) =$
(h) $(+2.75) + (-12.5) - (-3.15) - (+0.01) =$

3. (a) $(-6) + (-7) - [(+11) - (-5)] =$
(b) $(+18) - [(+5) + (-29)] - (+9) =$
(c) $[(-27) - (-12)] + [(+5) - (+14)] =$
(d) $(+108) - [(-42) + (+16) - (-14)] =$
(e) $[(+2.5) - (+3.8)] - [(-0.25) + (+3.75)] =$
(f) $(+10.8) - [(-1.55) + (+0.35)] + (-0.08) =$
(g) $(-111) + [(+2.5) - (-12) + (-5.2)] =$
(h) $(+7.5) - (+19) - [(+1.03) - (-22.47)] =$

4. (a) $(+6) \cdot (-4) + (+4) \cdot (+10) - (+2) \cdot (-5) =$
(b) $(-6) \cdot (-4) - (+4) \cdot (-10) + (-2) \cdot (-5) =$
(c) $[(+6) \cdot (-4) + (+4)] \cdot (+10) - (+2) \cdot (-5) =$
(d) $(+6) \cdot [(+4) + (-4) \cdot (-10)] - (-2) \cdot (-5) =$
(e) $(-6) \cdot (+4) + (-4) \cdot [(+10) + (+2) \cdot (-5)] =$
(f) $[(-6) \cdot (-4) - (+4)] \cdot [(-10) + (+2)] \cdot (+5) =$

5. (a) $(+0.25) \cdot (-1.2) + (-2.5) \cdot (-3.6) =$
(b) $(-1.75) \cdot (+8) - (+1.01) \cdot (-12) =$
(c) $(-12.5) + (-1.5) \cdot [(+8.2) - (+2.8)] =$
(d) $[(-12.5) + (-1.5)] \cdot [(+8.2) - (+2.8)] =$
(e) $[(-0.9) \cdot (-7) - (+1.8)] \cdot (+0.04) =$
(f) $(-0.9) \cdot [(-7.91) - (+1.8) \cdot (+0.05)] =$

6. (a) $(-36) : (+9) - (+21) : (-7) =$ (d) $(-96) : [(-8) + (+4) \cdot (+6)] =$
 (b) $(+9) : (-12) + (-15) : (-6) =$ (e) $(-96) : [(-8) + (+4)] \cdot (+6) =$
 (c) $[(-96) : (-8) + (+4)] \cdot (+6) =$ (f) $[(+120) + (-43)] : [(-40) - (-18)] =$
7. (a) $2^3 - (-2)^3 =$ (g) $(-1) \cdot (-7)^2 =$
 (b) $3^2 - (-3)^2 =$ (h) $[(-1) \cdot (-7)]^2 =$
 (c) $(-5)^3 + (-5)^2 =$ (i) $(+1) - (-2) \cdot (-1)^4 =$
 (d) $-3^2 + (-3)^2 =$ (j) $(+1) - [(-2) \cdot (-1)]^4 =$
 (e) $(+3) + (-5)^2 =$ (k) $[(+1) - (-2) \cdot (-1)]^4 =$
 (f) $[(+3) + (-5)]^2 =$ (l) $[-3^2 - (-2)^3]^5 =$
8. (a) $|(+20)| \cdot (-5) - |(-15)| \cdot (+6) =$ (d) $|(+20) \cdot (-5) - (-15)| \cdot |(+6)| =$
 (b) $|(+20) \cdot (-5)| - |(-15) \cdot (+6)| =$ (e) $[|(-1.5)| - |(+4)|] \cdot (-8) =$
 (c) $(+20) \cdot |(-5) - (-15)| \cdot (+6) =$ (f) $|(-1.5) - (+4)| \cdot |(-8)| =$

LÖSUNGEN:

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|--------------|------------|-------------|-------------|
| 1. (a) -3 | (h) -6.61 | 5. (a) +8.7 | (d) 0 |
| (b) +12 | 3. (a) -29 | (b) -1.88 | (e) +28 |
| (c) -18 | (b) +33 | (c) -20.6 | (f) +4 |
| (d) +17 | (c) -24 | (d) -75.6 | (g) -49 |
| (e) +72 | (d) +120 | (e) +0.18 | (h) +49 |
| (f) -30 | (e) -4.8 | (f) +7.2 | (i) +3 |
| (g) -23 | (f) +11.92 | 6. (a) -1 | (j) -15 |
| (h) +22 | (g) -101.7 | (b) +1.75 | (k) +1 |
| 2. (a) +11.3 | (h) -35 | (c) +96 | (l) -1 |
| (b) -8.22 | 4. (a) +26 | (d) -6 | 8. (a) -190 |
| (c) +68.6 | (b) +74 | (e) +144 | (b) +10 |
| (d) -9.33 | (c) -19 | (f) -3.5 | (c) +1200 |
| (e) -1 | (d) +254 | 7. (a) +16 | (d) +510 |
| (f) +74.85 | (e) -24 | (b) 0 | (e) +20 |
| (g) +11.3 | (f) -800 | (c) -100 | (f) +44 |