

# Arbeitsblatt

28.07.2013

Kostenlos auf [dw-aufgaben.de](http://dw-aufgaben.de)

Aufgaben-Quickname: 6732

## Aufgabe 1

Berechne.

Quick:  
6732

$$\begin{aligned} \text{a) } & -16 + (-6) \cdot (-9) \\ & = -16 + 54 = 38 \end{aligned}$$

$$\begin{aligned} \text{b) } & 7 - (-14) + (-7) \\ & = 21 + (-7) = 14 \end{aligned}$$

$$\begin{aligned} \text{c) } & -9 - 16 + 16 \\ & = -25 + 16 = -9 \end{aligned}$$

$$\begin{aligned} \text{d) } & 20 - 17 + 14 \\ & = 3 + 14 = 17 \end{aligned}$$

$$\begin{aligned} \text{e) } & -11 - (-3) - 5 \\ & = -8 - 5 = -13 \end{aligned}$$

$$\begin{aligned} \text{f) } & (18 - 15) \cdot (-3) \\ & = 3 \cdot (-3) = -9 \end{aligned}$$

$$\begin{aligned} \text{g) } & 17 + 9 \cdot 9 \\ & = 17 + 81 = 98 \end{aligned}$$

$$\begin{aligned} \text{h) } & -19 - (-7) - (-7) \\ & = -12 - (-7) = -5 \end{aligned}$$

$$\begin{aligned} \text{i) } & (-7) \cdot ((-15) - 14) \\ & = (-7) \cdot (-29) = 203 \end{aligned}$$

$$\begin{aligned} \text{j) } & 9 \cdot 12 - (-19) \\ & = 108 - (-19) = 127 \end{aligned}$$

## Aufgabe 2

Berechne.

Quick:  
6732

$$\begin{aligned} \text{a) } & -3 + (-14) - 14 \\ & = -17 - 14 = -31 \end{aligned}$$

$$\begin{aligned} \text{b) } & (-17) \cdot (-8) \cdot (-12) \\ & = 136 \cdot (-12) = -1632 \end{aligned}$$

$$\begin{aligned} \text{c) } & -4 - 14 + 14 \\ & = -18 + 14 = -4 \end{aligned}$$

$$\begin{aligned} \text{d) } & 2 \cdot (-4) \cdot 9 \\ & = (-8) \cdot 9 = -72 \end{aligned}$$

$$\begin{aligned} \text{e) } & 19 - (-14) - 7 \\ & = 33 - 7 = 26 \end{aligned}$$

$$\begin{aligned} \text{f) } & (-7) \cdot ((-13) - 12) \\ & = (-7) \cdot (-25) = 175 \end{aligned}$$

$$\begin{aligned} \text{g) } & (-14) : ((-4) + 5) \\ & = (-14) : 1 = -14 \end{aligned}$$

$$\begin{aligned} \text{h) } & (-17) \cdot (-12) \cdot 17 \\ & = 204 \cdot 17 = 3468 \end{aligned}$$

$$\begin{aligned} \text{i) } & 19 \cdot ((-10) + (-16)) \\ & = 19 \cdot (-26) = -494 \end{aligned}$$

$$\begin{aligned} \text{j) } & -16 - 16 - 2 \\ & = -32 - 2 = -34 \end{aligned}$$

### Aufgabe 3

Berechne.

Quick:  
6732

$$\begin{aligned} \text{a) } & 17 - 12 + 5 - 3 - 4 \\ & = 5 + 5 - 3 - 4 = 10 - 3 - 4 = 7 - 4 = 3 \end{aligned}$$

$$\begin{aligned} \text{b) } & 14 \cdot 17 - 5 \cdot (3 + 5) \\ & = 238 - 5 \cdot 8 = 238 - 40 = 198 \end{aligned}$$

$$\begin{aligned} \text{c) } & 13 \cdot 3 \cdot 6 - 19 - 19 \\ & = 39 \cdot 6 - 19 - 19 = 234 - 19 - 19 = 215 - 19 = 196 \end{aligned}$$

$$\begin{aligned} \text{d) } & (11 - 11) \cdot (14 - 12 + 9) \\ & = 0 \cdot (2 + 9) = 0 \cdot 11 = 0 \end{aligned}$$

$$\begin{aligned} \text{e) } & 14 - 12 + 3 + 7 - 10 \\ & = 2 + 3 + 7 - 10 = 5 + 7 - 10 = 12 - 10 = 2 \end{aligned}$$

$$\begin{aligned} \text{f) } & 2 \cdot 15 : 5 \cdot (19 - 8) \\ & = 2 \cdot 3 \cdot 11 = 6 \cdot 11 = 66 \end{aligned}$$

$$\begin{aligned} \text{g) } & 11 \cdot 17 \cdot 19 \cdot 10 \cdot 10 \\ & = 187 \cdot 19 \cdot 10 \cdot 10 = 3553 \cdot 10 \cdot 10 = 35530 \cdot 10 = 355300 \end{aligned}$$

$$\begin{aligned} \text{h) } & 17 \cdot (9 + 10) - 13 \cdot 16 \\ & = 17 \cdot 19 - 208 = 323 - 208 = 115 \end{aligned}$$

$$\begin{aligned} \text{i) } & 8 \cdot 10 - 18 - 16 - 11 \\ & = 80 - 18 - 16 - 11 = 62 - 16 - 11 = 46 - 11 = 35 \end{aligned}$$

$$\begin{aligned} \text{j) } & 11 + 11 + 13 \cdot (7 + 9) \\ & = 22 + 13 \cdot 16 = 22 + 208 = 230 \end{aligned}$$

Aufgabe 4

Berechne.

$$\begin{aligned} \text{a) } & ((-3) + (-11)) \cdot ((-20) - 18) \\ & = (-14) \cdot (-38) = 532 \end{aligned}$$

$$\begin{aligned} \text{b) } & 16 \cdot 17 - 3 \cdot 14 \\ & = 272 - 42 = 230 \end{aligned}$$

$$\begin{aligned} \text{c) } & (-7) \cdot 8 - 13 - 11 \\ & = -56 - 13 - 11 = -69 - 11 = -80 \end{aligned}$$

$$\begin{aligned} \text{d) } & ((-2) + 3) \cdot (16 - (-11)) \\ & = 1 \cdot 27 = 27 \end{aligned}$$

$$\begin{aligned} \text{e) } & 20 - (-9) - (-3) \cdot 8 \\ & = 29 - (-24) = 53 \end{aligned}$$

$$\begin{aligned} \text{f) } & 20 - (5 + (-5)) \cdot 7 \\ & = 20 - 0 \cdot 7 = 20 - 0 = 20 \end{aligned}$$

$$\begin{aligned} \text{g) } & 20 : (-5) \cdot 8 - (-13) \\ & = (-4) \cdot 8 - (-13) = -32 - (-13) = -19 \end{aligned}$$

$$\begin{aligned} \text{h) } & ((-3) + 3) \cdot (17 - (-16)) \\ & = 0 \cdot 33 = 0 \end{aligned}$$

$$\begin{aligned} \text{i) } & 19 - 19 + (-16) + 16 \\ & = 0 + (-16) + 16 = -16 + 16 = 0 \end{aligned}$$

$$\begin{aligned} \text{j) } & -2 + 11 - (-7) - (-7) \\ & = 9 - (-7) - (-7) = 16 - (-7) = 23 \end{aligned}$$

Viel Erfolg!