

Arbeitsblatt

28.07.2013

Kostenlos auf dw-aufgaben.de

Aufgaben-Quickname: 6732

Aufgabe 1

Berechne.

Quick:
6732

$$\begin{aligned} \text{a) } & -13 + (-4) \cdot (-5) \\ & = -13 + 20 = 7 \end{aligned}$$

$$\begin{aligned} \text{b) } & 7 \cdot 15 - 18 \\ & = 105 - 18 = 87 \end{aligned}$$

$$\begin{aligned} \text{c) } & (-14) : 7 \cdot (-4) \\ & = (-2) \cdot (-4) = 8 \end{aligned}$$

$$\begin{aligned} \text{d) } & 7 - 20 + 15 \\ & = -13 + 15 = 2 \end{aligned}$$

$$\begin{aligned} \text{e) } & 9 - 13 + 9 \\ & = -4 + 9 = 5 \end{aligned}$$

$$\begin{aligned} \text{f) } & 15 \cdot ((-11) + (-15)) \\ & = 15 \cdot (-26) = -390 \end{aligned}$$

$$\begin{aligned} \text{g) } & 2 + (-17) - (-12) \\ & = -15 - (-12) = -3 \end{aligned}$$

$$\begin{aligned} \text{h) } & 12 + 17 - (-18) \\ & = 29 - (-18) = 47 \end{aligned}$$

$$\begin{aligned} \text{i) } & 2 + 6 + (-10) \\ & = 8 + (-10) = -2 \end{aligned}$$

$$\begin{aligned} \text{j) } & -9 - 8 : (-4) \\ & = -9 - (-2) = -7 \end{aligned}$$

Aufgabe 2

Berechne.

Quick:
6732

$$\begin{aligned} \text{a) } & 11 - 8 - 12 : (20 - 14) \\ & = 3 - 12 : 6 = 3 - 2 = 1 \end{aligned}$$

$$\begin{aligned} \text{b) } & 16 : (17 - 16) \cdot (9 + 14) \\ & = 16 : 1 \cdot 23 = 16 \cdot 23 = 368 \end{aligned}$$

$$\begin{aligned} \text{c) } & 13 + 14 : (18 : 9) + 8 \\ & = 13 + 14 : 2 + 8 = 13 + 7 + 8 = 20 + 8 = 28 \end{aligned}$$

$$\begin{aligned} \text{d) } & 11 \cdot 12 - 18 - 14 - 17 \\ & = 132 - 18 - 14 - 17 = 114 - 14 - 17 = 100 - 17 = 83 \end{aligned}$$

$$\begin{aligned} \text{e) } & 12 : 4 \cdot 4 - 11 + 9 \\ & = 3 \cdot 4 - 11 + 9 = 12 - 11 + 9 = 1 + 9 = 10 \end{aligned}$$

$$\begin{aligned} \text{f) } & (18 - 15) \cdot 6 \cdot (12 + 13) \\ & = 3 \cdot 6 \cdot 25 = 18 \cdot 25 = 450 \end{aligned}$$

$$\begin{aligned} \text{g) } & 8 \cdot 9 + 14 \cdot (12 + 13) \\ & = 72 + 14 \cdot 25 = 72 + 350 = 422 \end{aligned}$$

$$\begin{aligned} \text{h) } & (14 - 10 + 19 - 14) \cdot 9 \\ & = (4 + 19 - 14) \cdot 9 = (23 - 14) \cdot 9 = 9 \cdot 9 = 81 \end{aligned}$$

$$\begin{aligned} \text{i) } & (18 - 15) \cdot (13 + 14 - 18) \\ & = 3 \cdot (27 - 18) = 3 \cdot 9 = 27 \end{aligned}$$

$$\begin{aligned} \text{j) } & 6 \cdot 7 - 9 \cdot 15 : 15 \\ & = 42 - 135 : 15 = 42 - 9 = 33 \end{aligned}$$

Aufgabe 3

Berechne.

Quick:
6732

$$\begin{aligned} \text{a) } & (7 + (-8)) \cdot (15 - (-13)) \\ & = (-1) \cdot 28 = -28 \end{aligned}$$

$$\begin{aligned} \text{b) } & (-15) \cdot 19 - 5 \cdot 15 \\ & = -285 - 75 = -360 \end{aligned}$$

$$\begin{aligned} \text{c) } & (-6) \cdot (-12) - (-19) - (-16) \\ & = 72 - (-19) - (-16) = 91 - (-16) = 107 \end{aligned}$$

$$\begin{aligned} \text{d) } & (-19) \cdot (2 + (-15) + (-16)) \\ & = (-19) \cdot ((-13) + (-16)) = (-19) \cdot (-29) = 551 \end{aligned}$$

$$\begin{aligned} \text{e) } & 4 \cdot (-12) - 17 + (-15) \\ & = -48 - 17 + (-15) = -65 + (-15) = -80 \end{aligned}$$

$$\begin{aligned} \text{f) } & -8 - (-5) : 5 - (-3) \\ & = -8 - (-1) - (-3) = -7 - (-3) = -4 \end{aligned}$$

$$\begin{aligned} \text{g) } & (-11) \cdot (-13) - 8 \cdot 10 \\ & = 143 - 80 = 63 \end{aligned}$$

$$\begin{aligned} \text{h) } & (10 + 16) \cdot 17 \cdot (-19) \\ & = 26 \cdot 17 \cdot (-19) = 442 \cdot (-19) = -8398 \end{aligned}$$

$$\begin{aligned} \text{i) } & (-4) \cdot (-15) : (17 : (-17)) \\ & = (-4) \cdot (-15) : (-1) = (-4) \cdot 15 = -60 \end{aligned}$$

$$\begin{aligned} \text{j) } & 19 + 12 : (-3) \cdot (-10) \\ & = 19 + (-4) \cdot (-10) = 19 + 40 = 59 \end{aligned}$$

Aufgabe 4

Berechne.

$$\begin{aligned} \text{a) } & (2 + 4) \cdot 7 - 9 \\ & = 6 \cdot 7 - 9 = 42 - 9 = 33 \end{aligned}$$

$$\begin{aligned} \text{b) } & (4 - 3) \cdot (10 - 7) \\ & = 1 \cdot 3 = 3 \end{aligned}$$

$$\begin{aligned} \text{c) } & (10 - 10) \cdot (6 - 4) \\ & = 0 \cdot 2 = 0 \end{aligned}$$

$$\begin{aligned} \text{d) } & 4 \cdot 4 - 9 - 6 \\ & = 16 - 9 - 6 = 7 - 6 = 1 \end{aligned}$$

$$\begin{aligned} \text{e) } & (5 - 5 + 3) \cdot 3 \\ & = (0 + 3) \cdot 3 = 3 \cdot 3 = 9 \end{aligned}$$

$$\begin{aligned} \text{f) } & 9 + 9 - 3 \cdot 4 \\ & = 18 - 12 = 6 \end{aligned}$$

$$\begin{aligned} \text{g) } & 7 - 6 + 10 - 8 \\ & = 1 + 10 - 8 = 11 - 8 = 3 \end{aligned}$$

$$\begin{aligned} \text{h) } & 7 - 6 + 5 - 2 \\ & = 1 + 5 - 2 = 6 - 2 = 4 \end{aligned}$$

$$\begin{aligned} \text{i) } & 5 \cdot 6 + 8 \cdot 8 \\ & = 30 + 64 = 94 \end{aligned}$$

$$\begin{aligned} \text{j) } & 8 - 7 - 5 + 4 \\ & = 1 - 5 + 4 = -4 + 4 = 0 \end{aligned}$$

Viel Erfolg!