

Worksheet

01/15/2020

Free on dw-math.com

Problem quickname: 7301

1)

Calculate the result.

Quick:
7301

$$\begin{aligned} \text{a) } & 4 + 16 - (-4) \\ & = 20 - (-4) = 24 \end{aligned}$$

$$\begin{aligned} \text{b) } & (9 - (-6)) / (-3) \\ & = 15 / (-3) = -5 \end{aligned}$$

$$\begin{aligned} \text{c) } & 15 \cdot (-9) \cdot (-13) \\ & = -135 \cdot (-13) = 1755 \end{aligned}$$

$$\begin{aligned} \text{d) } & 4 + -14 - 10 \\ & = -10 - 10 = -20 \end{aligned}$$

$$\begin{aligned} \text{e) } & -3 / (13 - 10) \\ & = -3 / 3 = -1 \end{aligned}$$

$$\begin{aligned} \text{f) } & (-10 - (-9)) \cdot 7 \\ & = -7 = -7 \end{aligned}$$

$$\begin{aligned} \text{g) } & -6 - (-4) - 5 \\ & = -2 - 5 = -7 \end{aligned}$$

$$\begin{aligned} \text{h) } & 5 \cdot 18 - 18 \\ & = 90 - 18 = 72 \end{aligned}$$

$$\begin{aligned} \text{i) } & 20 \cdot 5 \cdot 15 \\ & = 100 \cdot 15 = 1500 \end{aligned}$$

$$\begin{aligned} \text{j) } & 2 \cdot (-16) - 18 \\ & = -32 - 18 = -50 \end{aligned}$$

2)

Calculate the result.

Quick:
7301

$$\begin{aligned} \text{a) } & (9 + 13) \cdot (3 \cdot 5 + 16) \\ & = 22 \cdot (15 + 16) = 22 \cdot 31 = 682 \end{aligned}$$

$$\begin{aligned} \text{b) } & (17 - 10) \cdot 9 - 2 \cdot 5 \\ & = 7 \cdot 9 - 10 = 63 - 10 = 53 \end{aligned}$$

$$\begin{aligned} \text{c) } & (18 - 17) \cdot 2 \cdot 8 - 14 \\ & = 2 \cdot 8 - 14 = 2 \cdot 8 - 14 = 16 - 14 = 2 \end{aligned}$$

$$\begin{aligned} \text{d) } & 9 \cdot 10 - 18 + 10 \cdot 17 \\ & = 90 - 18 + 170 = 72 + 170 = 242 \end{aligned}$$

$$\begin{aligned} \text{e) } & 18 \cdot (12 \cdot 15 - 3 \cdot 7) \\ & = 18 \cdot (180 - 21) = 18 \cdot 159 = 2862 \end{aligned}$$

$$\begin{aligned} \text{f) } & (18 - 18) \cdot (13 - 12) \cdot 4 \\ & = 0 \cdot 1 \cdot 4 = 0 \cdot 4 = 0 \end{aligned}$$

$$\begin{aligned} \text{g) } & 12 / (16 - 15) + 8 \cdot 8 \\ & = 12 / 1 + 64 = 12 + 64 = 76 \end{aligned}$$

$$\begin{aligned} \text{h) } & (14 - 13) \cdot 3 + 11 - 7 \\ & = 3 + 11 - 7 = 3 + 11 - 7 = 14 - 7 = 7 \end{aligned}$$

$$\begin{aligned} \text{i) } & 17 \cdot 18 - 9 \cdot 10 - 19 \\ & = 306 - 90 - 19 = 216 - 19 = 197 \end{aligned}$$

$$\begin{aligned} \text{j) } & 12 / (16 - 13) \cdot 10 - 11 \\ & = 12 / 3 \cdot 10 - 11 = 4 \cdot 10 - 11 = 40 - 11 = 29 \end{aligned}$$

3)

Calculate the result.

Quick:
7301

$$\begin{aligned} \text{a) } & 5 \cdot 8 \cdot 14 \cdot 17 \\ & = 40 \cdot 14 \cdot 17 = 560 \cdot 17 = 9520 \end{aligned}$$

$$\begin{aligned} \text{b) } & -9 \cdot (-15) - 4 \cdot (-6) \\ & = 135 - (-24) = 159 \end{aligned}$$

$$\begin{aligned} \text{c) } & -15 - (-14) + -8 + -10 \\ & = -1 + -8 + -10 = -9 + -10 = -19 \end{aligned}$$

$$\begin{aligned} \text{d) } & (3 + 3) \cdot (-18 - (-8)) \\ & = 6 \cdot (-10) = -60 \end{aligned}$$

$$\begin{aligned} \text{e) } & 20 - (-15) - 15 - (-13) \\ & = 35 - 15 - (-13) = 20 - (-13) = 33 \end{aligned}$$

$$\begin{aligned} \text{f) } & -16 - 9 - (-5) - 6 \\ & = -25 - (-5) - 6 = -20 - 6 = -26 \end{aligned}$$

$$\begin{aligned} \text{g) } & 6 + -6 + -13 + -17 \\ & = 0 + -13 + -17 = -13 + -17 = -30 \end{aligned}$$

$$\begin{aligned} \text{h) } & (-3 + -14) \cdot (-17) - 19 \\ & = -17 \cdot (-17) - 19 = 289 - 19 = 270 \end{aligned}$$

$$\begin{aligned} \text{i) } & -14 \cdot (-18) - 4 \cdot (-13) \\ & = 252 - (-52) = 304 \end{aligned}$$

$$\begin{aligned} \text{j) } & (-3 + -5) \cdot (-18 - 16) \\ & = -8 \cdot (-34) = 272 \end{aligned}$$

4)

Calculate the result.

$$\begin{aligned} \text{a) } & (9 - 8) \cdot (8 - 5) \\ & = 3 = 3 \end{aligned}$$

$$\begin{aligned} \text{b) } & (9 - 8) \cdot 5 \cdot 7 \\ & = 5 \cdot 7 = 5 \cdot 7 = 35 \end{aligned}$$

$$\begin{aligned} \text{c) } & 3 \cdot 4 - 8 + 5 \\ & = 12 - 8 + 5 = 4 + 5 = 9 \end{aligned}$$

$$\begin{aligned} \text{d) } & 9 - 7 - 5 + 3 \\ & = 2 - 5 + 3 = -3 + 3 = 0 \end{aligned}$$

$$\begin{aligned} \text{e) } & 5 \cdot (10 - 6) \cdot 4 \\ & = 5 \cdot 4 \cdot 4 = 20 \cdot 4 = 80 \end{aligned}$$

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

$$\begin{aligned} \text{g) } & 10 - 9 + 6 - 3 \\ & = 1 + 6 - 3 = 7 - 3 = 4 \end{aligned}$$

$$\begin{aligned} \text{h) } & (9 - 5 - 3) \cdot 3 \\ & = (4 - 3) \cdot 3 = 3 = 3 \end{aligned}$$

$$\begin{aligned} \text{i) } & 7 - 8 + 7 - 5 \\ & = -1 + 7 - 5 = 6 - 5 = 1 \end{aligned}$$

$$\begin{aligned} \text{j) } & 9 + (3 + 4) \cdot 8 \\ & = 9 + 7 \cdot 8 = 9 + 56 = 65 \end{aligned}$$

Good Luck!