

Worksheet

01/15/2020

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Problem quickname: 7301

1)

Calculate the result.

Quick:
7301

$$\begin{aligned} \text{a) } & 19 \cdot (-9) \cdot (-16) \\ & = -171 \cdot (-16) = 2736 \end{aligned}$$

$$\begin{aligned} \text{b) } & (15 - 9) \cdot 8 \\ & = 6 \cdot 8 = 48 \end{aligned}$$

$$\begin{aligned} \text{c) } & 18 - 16 + 7 \\ & = 2 + 7 = 9 \end{aligned}$$

$$\begin{aligned} \text{d) } & (7 + -9) \cdot 16 \\ & = -2 \cdot 16 = -32 \end{aligned}$$

$$\begin{aligned} \text{e) } & -17 - (-7) - 11 \\ & = -10 - 11 = -21 \end{aligned}$$

$$\begin{aligned} \text{f) } & 13 - 3 - 10 \\ & = 10 - 10 = 0 \end{aligned}$$

$$\begin{aligned} \text{g) } & 11 - (-20) + -13 \\ & = 31 + -13 = 18 \end{aligned}$$

$$\begin{aligned} \text{h) } & (-7 + 18) \cdot (-19) \\ & = 11 \cdot (-19) = -209 \end{aligned}$$

$$\begin{aligned} \text{i) } & -11 + 5 \cdot 10 \\ & = -11 + 50 = 39 \end{aligned}$$

$$\begin{aligned} \text{j) } & -7 - 16 + 15 \\ & = -23 + 15 = -8 \end{aligned}$$

2)

Calculate the result.

Quick:
7301

$$\begin{aligned} \text{a) } & (2 + 7) \cdot (-19) \\ & = 9 \cdot (-19) = -171 \end{aligned}$$

$$\begin{aligned} \text{b) } & 17 \cdot 4 \cdot 12 \\ & = 68 \cdot 12 = 816 \end{aligned}$$

$$\begin{aligned} \text{c) } & 2 - (-10) + -8 \\ & = 12 + -8 = 4 \end{aligned}$$

$$\begin{aligned} \text{d) } & 16/8 + 13 \\ & = 2 + 13 = 15 \end{aligned}$$

$$\begin{aligned} \text{e) } & 3 + -18 - 12 \\ & = -15 - 12 = -27 \end{aligned}$$

$$\begin{aligned} \text{f) } & 19 \cdot (-3) \cdot (-8) \\ & = -57 \cdot (-8) = 456 \end{aligned}$$

$$\begin{aligned} \text{g) } & 6 + 18 - (-9) \\ & = 24 - (-9) = 33 \end{aligned}$$

$$\begin{aligned} \text{h) } & 12 - (-8) - (-5) \\ & = 20 - (-5) = 25 \end{aligned}$$

$$\begin{aligned} \text{i) } & -18 \cdot (-7) \cdot 7 \\ & = 126 \cdot 7 = 882 \end{aligned}$$

$$\begin{aligned} \text{j) } & -11 - (-8) + -4 \\ & = -3 + -4 = -7 \end{aligned}$$

3)

Calculate the result.

$$\begin{aligned} \text{a) } & 6 \cdot (2 + 6) + 14 \cdot 18 \\ & = 6 \cdot 8 + 252 = 48 + 252 = 300 \end{aligned}$$

$$\begin{aligned} \text{b) } & 16 \cdot 18 - 19 - 6 \cdot 9 \\ & = 288 - 19 - 54 = 269 - 54 = 215 \end{aligned}$$

$$\begin{aligned} \text{c) } & 16 \cdot (15/3 \cdot 14 - 19) \\ & = 16 \cdot (5 \cdot 14 - 19) = 16 \cdot (70 - 19) = 16 \cdot 51 = 816 \end{aligned}$$

$$\begin{aligned} \text{d) } & 10 \cdot 15 - 2 \cdot 10 - 17 \\ & = 150 - 20 - 17 = 130 - 17 = 113 \end{aligned}$$

$$\begin{aligned} \text{e) } & 10 \cdot (19 - 4 - 7 + 9) \\ & = 10 \cdot (15 - 7 + 9) = 10 \cdot (8 + 9) = 10 \cdot 17 = 170 \end{aligned}$$

$$\begin{aligned} \text{f) } & (10 + 18 - 20) \cdot 18 - 18 \\ & = (8 - 20) \cdot 18 - 18 = -12 \cdot 18 - 18 = -216 - 18 = -234 \end{aligned}$$

$$\begin{aligned} \text{g) } & (17 - 14) \cdot 5 - 6 - 7 \\ & = 3 \cdot 5 - 6 - 7 = 15 - 6 - 7 = 9 - 7 = 2 \end{aligned}$$

$$\begin{aligned} \text{h) } & 19 \cdot (6 \cdot 19 - 4 \cdot 5) \\ & = 19 \cdot (114 - 20) = 19 \cdot 94 = 1786 \end{aligned}$$

$$\begin{aligned} \text{i) } & 4 / ((18 - 17) \cdot 2) \cdot 7 \\ & = 4 / (1 \cdot 2) \cdot 7 = 4 / 2 \cdot 7 = 2 \cdot 7 = 14 \end{aligned}$$

$$\begin{aligned} \text{j) } & 15 + 14 \cdot 15 - 9 \cdot 9 \\ & = 15 + 210 - 81 = 225 - 81 = 144 \end{aligned}$$

Quick:
7301

4)

Calculate the result.

$$\begin{aligned} \text{a) } & -15 + -7 + -11 - (-19) \\ & = -22 + -11 - (-19) = -33 - (-19) = -14 \end{aligned}$$

$$\begin{aligned} \text{b) } & 8 \cdot (-11) - 20 - 19 \\ & = -88 - 20 - 19 = -108 - 19 = -127 \end{aligned}$$

$$\begin{aligned} \text{c) } & (-17 - (-12)) \cdot (-11 - (-5)) \\ & = -5 \cdot (-6) = 30 \end{aligned}$$

$$\begin{aligned} \text{d) } & (-6 + 12) \cdot (18 - (-13)) \\ & = 6 \cdot 31 = 186 \end{aligned}$$

$$\begin{aligned} \text{e) } & (-15 - (-13)) \cdot (13 - (-8)) \\ & = -2 \cdot 21 = -42 \end{aligned}$$

$$\begin{aligned} \text{f) } & -16 \cdot ((-8) \cdot 10 - (-19)) \\ & = -16 \cdot (-80 - (-19)) = -16 \cdot (-61) = 976 \end{aligned}$$

$$\begin{aligned} \text{g) } & -16 + (-4) \cdot 6 - 19 \\ & = -16 + -24 - 19 = -40 - 19 = -59 \end{aligned}$$

$$\begin{aligned} \text{h) } & 19 - (-17) + 4 \cdot 13 \\ & = 36 + 52 = 88 \end{aligned}$$

$$\begin{aligned} \text{i) } & 6 \cdot (-11) \cdot (-12) \cdot (-17) \\ & = -66 \cdot (-12) \cdot (-17) = 792 \cdot (-17) = -13464 \end{aligned}$$

$$\begin{aligned} \text{j) } & (-9 + -9) \cdot (-20 - 19) \\ & = -18 \cdot (-39) = 702 \end{aligned}$$

Good Luck!