

Worksheet

01/15/2020

Free on dw-math.com

Problem quickname: 7301

1)

Calculate the result.

Quick:
7301

a) $10 - 8 + 4 - 6 + 6$

$$= 2 + 4 - 6 + 6 = 6 - 6 + 6 = 0 + 6 = 6$$

b) $20 \cdot 6 \cdot 10 - 13 \cdot 18$

$$= 120 \cdot 10 - 234 = 1200 - 234 = 966$$

c) $(4 + 4) \cdot 11 - 15 - 15$

$$= 8 \cdot 11 - 15 - 15 = 88 - 15 - 15 = 73 - 15 = 58$$

d) $(9 - 5 - 3) \cdot 3 \cdot 3$

$$= (4 - 3) \cdot 3 \cdot 3 = 3 \cdot 3 = 3 \cdot 3 = 9$$

e) $5 \cdot 6 - 13 + 7 \cdot 9$

$$= 30 - 13 + 63 = 17 + 63 = 80$$

f) $(17 - 15 + 11) \cdot 13 - 14$

$$= (2 + 11) \cdot 13 - 14 = 13 \cdot 13 - 14 = 169 - 14 = 155$$

g) $18 + 15 \cdot 16 - 20 - 19$

$$= 18 + 240 - 20 - 19 = 258 - 20 - 19 = 238 - 19 = 219$$

h) $12 \cdot 18 - 10 \cdot 11 + 19$

$$= 216 - 110 + 19 = 106 + 19 = 125$$

i) $4 \cdot 7 \cdot 13 \cdot (9 + 11)$

$$= 28 \cdot 13 \cdot 20 = 364 \cdot 20 = 7280$$

j) $(18 - 14) \cdot (11 - 2 \cdot 3)$

$$= 4 \cdot (11 - 6) = 4 \cdot 5 = 20$$

2)

Calculate the result.

Quick:
7301

a) $16 \cdot (-20 - (-17)) \cdot 11$

$$= 16 \cdot (-3) \cdot 11 = -48 \cdot 11 = -528$$

b) $-7 + (-4) \cdot (-5) - (-18)$

$$= -7 + 20 - (-18) = 13 - (-18) = 31$$

c) $7 \cdot (-10) - 15 - 17$

$$= -70 - 15 - 17 = -85 - 17 = -102$$

$$\begin{aligned} \text{d) } & 13 - 3 \cdot 9 + 14 \\ & = 13 - 27 + 14 = -14 + 14 = 0 \end{aligned}$$

$$\begin{aligned} \text{e) } & -18 - (-16)/8 - (-12) \\ & = -18 - (-2) - (-12) = -16 - (-12) = -4 \end{aligned}$$

$$\begin{aligned} \text{f) } & -10 - (-15)/5 - (-7) \\ & = -10 - (-3) - (-7) = -7 - (-7) = 0 \end{aligned}$$

$$\begin{aligned} \text{g) } & (-15 - (-14)) \cdot 11 \cdot 12 \\ & = -11 \cdot 12 = -11 \cdot 12 = -132 \end{aligned}$$

$$\begin{aligned} \text{h) } & (-4 + 11) \cdot (19 - (-11)) \\ & = 7 \cdot 30 = 210 \end{aligned}$$

$$\begin{aligned} \text{i) } & -3 \cdot (-10) - 14 - (-19) \\ & = 30 - 14 - (-19) = 16 - (-19) = 35 \end{aligned}$$

$$\begin{aligned} \text{j) } & -13 - (-4) \cdot 6 + -20 \\ & = -13 - (-24) + -20 = 11 + -20 = -9 \end{aligned}$$

3)

Calculate the result.

$$\begin{aligned} \text{a) } & 10 - 9 + 3 + 8 \\ & = 1 + 3 + 8 = 4 + 8 = 12 \end{aligned}$$

$$\begin{aligned} \text{b) } & 6 - 9 + 9 - 2 \\ & = -3 + 9 - 2 = 6 - 2 = 4 \end{aligned}$$

$$\begin{aligned} \text{c) } & 7 + 6 \cdot 7 - 9 \\ & = 7 + 42 - 9 = 49 - 9 = 40 \end{aligned}$$

$$\begin{aligned} \text{d) } & 7 \cdot 8 - 9 - 9 \\ & = 56 - 9 - 9 = 47 - 9 = 38 \end{aligned}$$

$$\begin{aligned} \text{e) } & 6 - (8 - 7) \cdot 2 \\ & = 6 - 2 = 6 - 2 = 4 \end{aligned}$$

$$\begin{aligned} \text{f) } & 7 - 2 - 8 + 8 \\ & = 5 - 8 + 8 = -3 + 8 = 5 \end{aligned}$$

$$\begin{aligned} \text{g) } & (6 - 5) \cdot (10 - 8) \\ & = 2 = 2 \end{aligned}$$

$$\begin{aligned} \text{h) } & 4 + 8 - 8 + 8 \\ & = 12 - 8 + 8 = 4 + 8 = 12 \end{aligned}$$

$$\begin{aligned} \text{i) } & 5 + 6 + 7 + 8 \\ & = 11 + 7 + 8 = 18 + 8 = 26 \end{aligned}$$

$$\begin{aligned} \text{j) } & 7 - 6 + 10 - 9 \\ & = 1 + 10 - 9 = 11 - 9 = 2 \end{aligned}$$

Quick:
7301

4)

Calculate the result.

$$\begin{aligned} \text{a) } & 16 - (-16) - (-10) \\ & = 32 - (-10) = 42 \end{aligned}$$

$$\begin{aligned} \text{b) } & (-4 + 15) \cdot 15 \\ & = 11 \cdot 15 = 165 \end{aligned}$$

$$\begin{aligned} \text{c) } & 4 + -15 - (-6) \\ & = -11 - (-6) = -5 \end{aligned}$$

$$\begin{aligned} \text{d) } & -20 - 12 - (-16) \\ & = -32 - (-16) = -16 \end{aligned}$$

$$\begin{aligned} \text{e) } & (18 - 17) \cdot 4 \\ & = 4 = 4 \end{aligned}$$

$$\begin{aligned} \text{f) } & -18 - (-13) - (-4) \\ & = -5 - (-4) = -1 \end{aligned}$$

$$\begin{aligned} \text{g) } & -10 - (-4) - (-5) \\ & = -6 - (-5) = -1 \end{aligned}$$

$$\begin{aligned} \text{h) } & -5 \cdot (-9) - 12 \\ & = 45 - 12 = 33 \end{aligned}$$

$$\begin{aligned} \text{i) } & 3 \cdot (-20 - (-14)) \\ & = 3 \cdot (-6) = -18 \end{aligned}$$

$$\begin{aligned} \text{j) } & 9 + 12 - (-16) \\ & = 21 - (-16) = 37 \end{aligned}$$

Good Luck!