Worksheet

01/15/2020

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Problem quickname: 7301

<u>1)</u>

Calculate the result.

a) $4 + 16 - (-4)$
$= 20 - (-4) = 24$

b) $(9 - (-6))/(-3)$
$= 15/(-3) = -5$

c) $15 \cdot (-9) \cdot (-13)$
$= -135 \cdot (-13) = 1755$

d) $4 + -14 - 10$
$= -10 - 10 = -20$

e) $-3/(13 - 10)$
$= -3/3 = -1$

f) $(-10 - (-9)) \cdot 7$
$= -7 = -7$

g) $-6 - (-4) - 5$
$= -2 - 5 = -7$

h) $5 \cdot 18 - 18$
$= 90 - 18 = 72$

i) $20 \cdot 5 \cdot 15$
$= 100 \cdot 15 = 1500$

j) $2 \cdot (-16) - 18$
$= -32 - 18 = -50$

<u>2)</u>

Calculate the result.

a) $(9 + 13) \cdot (3 \cdot 5 + 16)$
$= 22 \cdot (15 + 16) = 22 \cdot 31 = 682$

b) $(17 - 10) \cdot 9 - 2 \cdot 5$
$= 7 \cdot 9 - 10 = 63 - 10 = 53$

c) $(18 - 17) \cdot 2 \cdot 8 - 14$
$= 2 \cdot 8 - 14 = 2 \cdot 8 - 14 = 16 - 14 = 2$

d) $9 \cdot 10 - 18 + 10 \cdot 17$
$= 90 - 18 + 170 = 72 + 170 = 242$

e) $18 \cdot (12 \cdot 15 - 3 \cdot 7)$
$= 18 \cdot (180 - 21) = 18 \cdot 159 = 2862$

f) $(18 - 18) \cdot (13 - 12) \cdot 4$
$= 0 \cdot 1 \cdot 4 = 0 \cdot 4 = 0$

g) $12/(16 - 15) + 8 \cdot 8$
$= 12/1 + 64 = 12 + 64 = 76$

h) $(14 - 13) \cdot 3 + 11 - 7$
$= 3 + 11 - 7 = 3 + 11 - 7 = 14 - 7 = 7$

i) $17 \cdot 18 - 9 \cdot 10 - 19$
$= 306 - 90 - 19 = 216 - 19 = 197$

j) $12/(16 - 13) \cdot 10 - 11$
$= 12/3 \cdot 10 - 11 = 4 \cdot 10 - 11 = 40 - 11 = 29$

<u>3)</u>

Calculate the result.

a) $5 \cdot 8 \cdot 14 \cdot 17$
$= 40 \cdot 14 \cdot 17 = 560 \cdot 17 = 9520$

b) $-9 \cdot (-15) - 4 \cdot (-6)$
$= 135 - (-24) = 159$

c) $-15 - (-14) + -8 + -10$
$= -1 + -8 + -10 = -9 + -10 = -19$

d) $(3 + 3) \cdot (-18 - (-8))$
$= 6 \cdot (-10) = -60$

e) $20 - (-15) - 15 - (-13)$
$= 35 - 15 - (-13) = 20 - (-13) = 33$

f) $-16 - 9 - (-5) - 6$
$= -25 - (-5) - 6 = -20 - 6 = -26$

g) $6 + -6 + -13 + -17$
$= 0 + -13 + -17 = -13 + -17 = -30$

h) $(-3 + -14) \cdot (-17) - 19$
$= -17 \cdot (-17) - 19 = 289 - 19 = 270$

i) $-14 \cdot (-18) - 4 \cdot (-13)$
$= 252 - (-52) = 304$

j) $(-3 + -5) \cdot (-18 - 16)$
$= -8 \cdot (-34) = 272$

<u>4)</u>

Calculate the result.

a) $(9 - 8) \cdot (8 - 5)$
$= 3 = 3$

b) $(9 - 8) \cdot 5 \cdot 7$
$= 5 \cdot 7 = 5 \cdot 7 = 35$

c) $3 \cdot 4 - 8 + 5$
$= 12 - 8 + 5 = 4 + 5 = 9$

d) $9 - 7 - 5 + 3$
$= 2 - 5 + 3 = -3 + 3 = 0$

e) $5 \cdot (10 - 6) \cdot 4$
$= 5 \cdot 4 \cdot 4 = 20 \cdot 4 = 80$

f) $(4 - 3) \cdot (5 - 4)$
$= 1 = 1$

g) $10 - 9 + 6 - 3$
$= 1 + 6 - 3 = 7 - 3 = 4$

h) $(9 - 5 - 3) \cdot 3$
$= (4 - 3) \cdot 3 = 3 = 3$

i) $7 - 8 + 7 - 5$
$= -1 + 7 - 5 = 6 - 5 = 1$

j) $9 + (3 + 4) \cdot 8$
$= 9 + 7 \cdot 8 = 9 + 56 = 65$

Good Luck!