

Quiz LT1 Review

LEARNING TARGET:

(LT1) I can use order of operations to evaluate expressions

1) Evaluate the following expressions using order of operations

a. $(17 + 1 \times 3) \div 4$

b. $8 \div 4 \times 2$

c. $8 + 16 \div 4 - 2$

d. $(3 + (7 - 4)) \times 6$

e. $(5 - 3 \times 45) + 10 \times 12$

f. $48 + 3 \times 30 - ((9 - 6) + 15) - 6 + 20$

g. $4 \times 4 - 4 \div 4$

h. $40 \div 5 \times 2$

2) For each question, write what the expression equals without any parentheses, then add parentheses so that the equation is true.

a. $8 \div 4 + 4$

i. What the expression equals without parentheses:

ii. Add parentheses to make the expression equal 1:

b. $9 \times 3 + 2 - 4$

i. What the expression equals without parentheses:

ii. Add parentheses to make the expression equal 41:

c. $5 + 5 \times 6 - 6$

i. What the expression equals without parentheses:

ii. Add parentheses to make the expression equal 0:

d. $\sqrt{4} + 11 - 10 \times 3$

i. What the expression equals without parentheses:

ii. Add parentheses to make the expression equal 9: