NAME | DATE

Expressions & Equations

1 Write a numerical expression that includes grouping symbols for each:

a To find 8 × 17, I double and halve.

b To find 36 × 19, I find 36 times 20 and remove 1 group of 36.

c To find the volume of a box that has a 19 by 22 base and 27 layers, I multiply the area of the base times the height.

2 Write an equation for each:

a To find 7 times 32, I double and halve.

b To find 26 times 13, I multiply 20 times 13 and add it to 6 times 13.

c To find 98 times 54, I multiply 100 times 54 and subtract 2 times 54.

3 Show your work for each problem.

a Xavier counted 38 balls in one layer of a box. The box has 17 layers. How many balls can the box hold?

b A box holds 448 balls. Each layer has 28 balls. How many layers does the box have?

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