

January 14th

$$2 \times (1 + 2 \times 3) - 2 \times (2 - 1) = 12$$

$$2 \times 1 + 2 \times 3 - 2 \times (2 - 1) = 6$$

$$2 \times 1 + 2 \times (3 - 2) \times (2 - 1) = 4$$

There may be other correct solutions