

Give yourself 15 minutes for this take-home quiz. Notes are not allowed, but calculators or class manipulatives may be used. This quiz will be exchanged and discussed during class.

1. Using correct order of operations, please compute the following, showing each step of the computation.
(2 MP*)

$$1 - 2 + 3 \div 4 \times 5$$

2. Compute the last sum below (other sums are given as possible hints). Please justify your answer and remember that "the calculator said so" is not a valid justification. (3 MP*)

$$1 + 3$$

$$1 + 3 + 5$$

$$1 + 3 + 5 + 7$$

$$1 + 3 + 5 + \cdots + 95 + 97 + 99$$