

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. Create an addition/subtraction story problem for kindergarten to 1st grade students that fits all of the following criteria: (2 MP*)

- problem type is put together / take apart,
- the total is known
- one addend is unknown, which will equal 5.

2. At a yogurt shop, frozen yogurt is 35 cents for each ounce; a waffle cone to hold the yogurt is \$1. Define a variable and write an expression for a quantity that is relevant to this situation (2 MP*)

3. Are $6 \cdot (A \cdot B)$ and $(6 \cdot A) \cdot (6 \cdot B)$ equivalent or not? Please give a reason. (1 MP*)