6ᵗʰ Grade Math Common Assessment: Chapter 1

Name: _____   Date _____

6.NS.2

1.) An apple orchard harvested 3,584 apples and separated them evenly into 112 bags. ***Show your work.***

a.) How many apples are in each bag? _____

b.) If 56 apples were placed in each bag instead, how many bags would be left over? _____

2.) A city ordinance requires that there be a police officer for every 450 residents. If the population of the city is 560,250, what is the minimum number of police officers needed? _____
Show your work.

6.EE.1

3. Which of the following expressions is equal to 64?

    Ⓐ 2^4

    Ⓑ 8^2

    Ⓒ 6^3

    Ⓓ 2^6

    Ⓔ 4^3

6.EE.3

Use the **commutative** property to solve. *Show your work.*

4.) 18 + 6 + 12 + 4

5.) 8 x 13 x 5

Use the **distributive** property to find each product. *Show your work.*

6.) 7 x 24

Use the **associative** property to solve. *Show your work.*

7.) 12 + 16 + 24 + 9