Name:_____

Weekly Spiral Questions - Quarter 1 Week 4

Show all work on a separate paper and attach it to the back. Be sure to label your answers appropriately!   **(Calculator Inactive)**

1. What is the value of the expression when x=16 and y=8 $$5(x \div y)^2 + x$$	**Answer:**
2. Which inequality symbol <, >, or = in the box makes this number sentence true? $$3^5 \ [\ ] \ 7^2$$	**Answer:**

3. A section of the auditorium has been reserved for 380 people. If each row in the theater seats 19 people, how many rows have been reserved?	**Answer:**
4. Chelsea wants to buy a new iPhone that costs $324. She has already saved $56. If she can save $20 a week, how many weeks will it take for her to be able to purchase the iPhone?	**Answer:**

5. Write the **Prime Factorization** of 312.	**Answer:**
6. List all the **factors** of 120.	**Answer:**
7. Lauren has 21 binders and 30 pencils. She wants to use all of the binders and pencils to create identical sets of supplies for her classmates. What is the greatest number of identical supply sets Lauren can make using all of the supplies?	**Answer:**
8. Evaluate if x=10 $$5(3x - x) + 4x - 90$$	**Answer:**