Name:_____

Weekly Spiral Questions - Quarter 2 Week 6

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

1. A pirate found a treasure chest full of gold. It contains 100 gold coins which each weighed 1.56 pounds. The chest itself weighs 136 pounds when empty. If the pirate's sailors can each lift 73 pounds, how many sailors are needed to lift the treasure chest filled with gold coins?	**Answer:**
2. Evaluate twenty-two cubed.	**Answer:**

3. Darla worked $4\frac{1}{2}$ hours on her aunt's farm. She was paid $10 for every $\frac{1}{4}$ hour. How much money did Darla make?	**Answer:**
4. Alex paid $17,520 for a new car. He will make equal payments aech month for 4 years. What will be Alex's monthly car payments?	**Answer:**

5. Shelby, Madison, and Lauren were studying in the library (they all started at the same time). Shelby spent $1\frac{5}{8}$ hours studying, Madison spent $1\frac{3}{4}$ hours studying, and Lauren spent $1\frac{3}{10}$ hours studying. In what **order** did they finish (first-last)?	**Answer:**
6. Simplify. $$20(2) + 5(2x - 1) + 10 + 7x$$	**Answer:**
7. The Appalachian Mountains are 6,888 feet **above sea level**. Death Valley is 480 feet **below sea level**. What is the difference in elevation between these geographic features?	**Answer:**

8. Reflect (10, -1) over the y-axis. Which quadrant is the reflected point in?	**Answer:**