

Name: _____

Weekly Spiral Questions - Quarter 2 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. The Surface Area (A) of a cube can be calculated using the formula $A = 6s^2$, where s represents the length of a side. What is the surface area of a cube if the length of a side is $\frac{1}{5}$ in?	Answer:
2. What is the least common multiple and the greatest common factor of the numbers 16 and 18?	Answer: LCM: _____ GCF: _____
3. The class found a treasure chest full of candy. It contains 1000 pieces of candy which each weigh .121 pounds. The chest itself weights 92 lbs. If each student can lift 71 pounds, how many students are needed to lift the treasure chest filled with candy?	Answer: _____
4. Jason has a bag of trail mix containing 56 almonds and 21 raisins. He wants to pack identical snake bags of the trail mix and use all of the almonds and raisins. What is the greatest number of snack bags that Jason can create?	Answer: _____
5. What is the reflected point when you reflect $(-9, 9)$ over the x-axis?	Answer:
6. Identify the property being displayed. $(w + x) + 5 = 5 + (w + x)$	Answer:
7. Evaluate the expression for $x = 2$ $5(x + 4) + 10 - 2x + 3(2x + 9)$	Answer:
8. Identify the property being displayed. $(x + y) + z = x + (y + z)$	Answer: