

Name: \_\_\_\_\_

## Weekly Spiral Questions - Quarter 1 Week 5

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 $(\frac{1}{6})^4$ ?	<b>Answer:</b>
2. If a rectangle has a length of $x^3$ and a width of $x^5$ . What is the area?	<b>Answer:</b>
3. 110 people go to a concert. Every 15 <sup>th</sup> person gets a t-shirt and every 20 <sup>th</sup> person gets a free CD. How many people get both a t-shirt and a CD?	<b>Answer:</b>
4. Evaluate the following expression when $x = 9$ and $y = 15$  $x(2y - 3^3)$	<b>Answer:</b>
5. Jason is having a party. Plates come in packs of 4, cups come in packs of 6, and napkins come in packs of 7. If Jason wants to have the exact same number of plates, cups, and napkins, what is the least amount of packs of each he can buy?	<b>Answer:</b> <b># of packs of:</b> plates: _____ cups: _____ napkins: _____
6. There are 2125 seats in a stadium. The stadium is split into 25 sections. How many seats are in each section?	<b>Answer:</b>
7. If there are 60 minutes in an hour, 24 hours in a day, how many minutes are in 3 days?	<b>Answer:</b>
8. Evaluate 15 cubed.	<b>Answer:</b>