**Algebra 1 Unit 4 Functions**

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| **Practice Packet:**  Relations as Functions Practice  Relations as Functions Matching  Find the Domain and Range | **Writing Task:**  Functions Writing Task: Email to a Friend |
| **Game/Activity:**  Potty Talk Activity from Yummy Math—investigates the water usage of different kinds of toilets. Many math skills are utilized.  Algebra with Pizzazz (pages 146-147 or 158-59 when you scroll down)—This activity has kids match equations to sets of points and graphing. The solutions will solve a riddle, so there is a self-check aspect to it. | **Technology:**  Watch this video and take the QUIZ on direct and indirect variation:  [**http://study.com/academy/lesson/direct-and-inverse-variation-problems-definition-examples.html#lesson**](http://study.com/academy/lesson/direct-and-inverse-variation-problems-definition-examples.html#lesson)  Finding Domain and Range from a Graph  [**https://braingenie.ck12.org/skills/105850**](https://braingenie.ck12.org/skills/105850)  Practice using graphs to find function values—guided practice, independent practice, etc. with answers at the end  [**http://www.mhhe.com/math/devmath/streeter/ia/graphics/streeter5ia/ch03/others/strI\_3.4.pdf**](http://www.mhhe.com/math/devmath/streeter/ia/graphics/streeter5ia/ch03/others/strI_3.4.pdf) |
| **Art/Music/Drama/etc.** :  If you didn’t use DESMOS last unit, you should give it a try. I have included the DESMOS art project file again. However, desmos.com gives you a lot of freedom for using functions to create fantastic works of art.  <https://www.desmos.com/> |  |
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