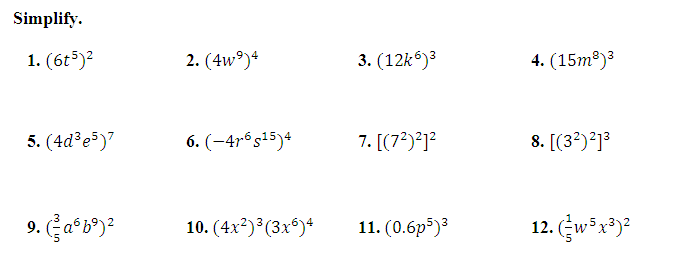
**Lesson 1.3b Homework Practice**

***Powers of Monomials***

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**Simplify.**

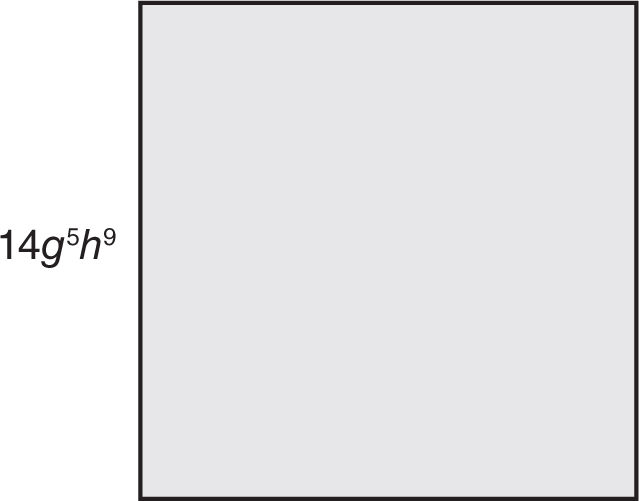
**1. 2. 3.**  **4.**

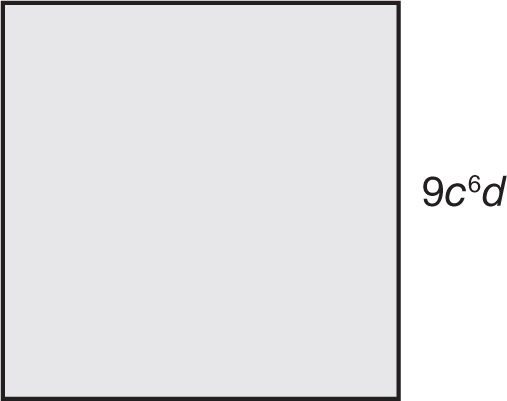
**5. 6.**  **7.**  **8.**

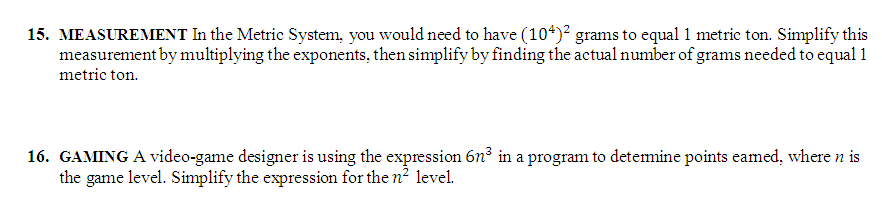
**9.**  **10.**  **11.**  **12.**

**GEOMETRY Express the area of each square below as a monomial.**

**13. 14.**





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**15. MEASUREMENT** In the Metric System, you would need to have grams to equal 1 metric ton. Simplify this measurement by multiplying the exponents, then simplify by finding the actual number of grams needed to equal 1 metric ton.

**16. GAMING** A video-game designer is using the expression in a program to determine points earned, where *n* is the game level. Simplify the expression for the level.