***Due Monday January 11th***

**7-1 Homework: *Multiplication Properties of Exponents***

**Determine whether each expression is a monomial. Write *yes* or *no*. Explain your reasoning.**

**1.**

**2.**

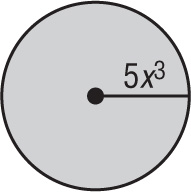
**Simplify each expression.**

**3.** (2*a*)(4) **4.** (4*h*)(–2)

**5.** (–15*x*)  **6.**

**7.**  **8.**

**GEOMETRY Express the area of each figure as a monomial.**

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**9. 10.**

**Write in Scientific Notation**

**11.** 5,100,000 1**2.** 80,300,000,000 1**3.** 14,250,000

**14.** 68,070,000,000,000 1**5.** 14,000 1**6.** 901,050,000,000