Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Math 8: Powers of Powers**

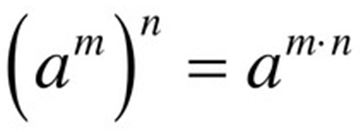
*Directions: Fill in the blanks below as you watch the video.*

**Write in expanded notation:**

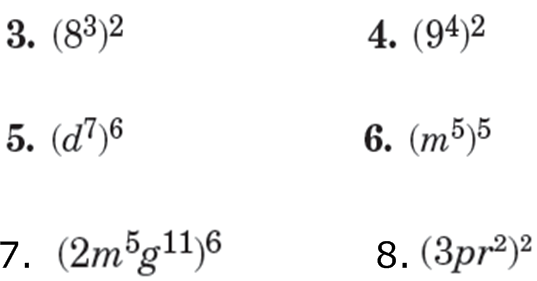


Now write back in exponential notation:

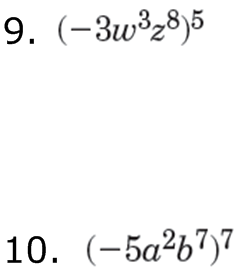
**Power to a Power Property**



**Simplify.**

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**You Try! Simplify.**

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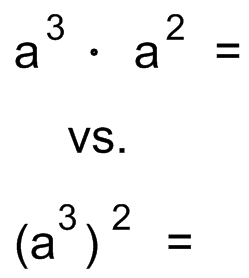
**Simplify.**



**You Try! Simplify.**

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**Be careful! Make sure you know the difference …**

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