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| **https://fanart.tv/fanart/tv/76119/clearlogo/nova-76119.pngC:\Users\Public\Pictures\math mystery.jpg**  **Name: Date:**  **As you are watching “The Great Math Mystery” answer these questions:** | |
| **Give me examples of how math is an essential part of:**   * **Art-** * **Music-** * **Architecture-** * **Nature-** | |
| **What is the “Fibonacci Sequence”?**  **Where does this occur in nature?** | |
| **Explain in your own words the “lemur experiment.”** | |
| **How does Pi appear in our everyday lives?** | |
| **How does jazz bassist Esperanza Spalding use math?** | |
| **How old was the math prodigy when he scored a perfect 800 on the math SAT?** | |
| **How did Max Tegmark use video games to show how math is connected to reality?** | |
| **When might math be “reasonably ineffective”? (examples from video only)** | |
| **What is the difference between precision and approximation?** | |
| **Which is an engineer more concerned with? (Precision or approximation) and why?** | |
| Who is this?  What did he do? |  |
|  |  |
| After watching, do you think that math is an **invention** or a **discovery**? | |