**Warm Up Activity**

**Unit 5: Functions, Statistics, and Trigonometry**

As a benchmark, people are often interested in how long it will take to double their money in a particular investment.

a) Do the necessary calculations to fill in the table below:

|  |  |  |
| --- | --- | --- |
| Interest Rate Compounded Annually | Years to Double Your Money (round to the nearest year) | Product of Interest Rate and Years to Double |
| 3.5% |  |  |
| 7% |  |  |
| 10% |  |  |

b) Do you see a pattern? Can you state a “rule of thumb” for doubling your money? If so, what is it?