

REQUIRED ASSIGNMENT, WEEK 8, SAGE MATH

- The assignment is due by 6/17!😊
- This one is a practical assignment with real world application:)
- Let me know if you have questions. Drop a note on Seesaw, or Teams or Email me and I will reply.
- Enjoy!



WARM UP

- What is 25% of 400?

- 50 is what percent of 250?

- What is 33.3% of 120?

DILEMMA: TO BUY OR NOT TO BUY

**WHAT IS THIS THING I
BOUGHT IN 2007???**



Let's say that instead of buying this iPod, I spent the same amount of money on Apple stock. How much would that stock be worth now?

WHAT INFORMATION DO I NEED TO SOLVE THIS QUESTION?

- How much did the iPod cost when it came out?
- How much did Apple stock cost on that day?
- How much is Apple stock worth now?

RESEARCH:

- Oct.
- The very **first iPod** launched with "1,000 songs in your pocket." It had 5GB of storage space, weighed 6.5 ounces, featured a 160 x 128 pixel display and FireWire connectivity and cost \$399.

Compare AAPL With Other Stocks

Apple Historical Annual Stock Price Data

Year	Average Stock Price	Annual % Change
2007	18.3249	133.47%
2006	10.1160	18.01%
2005	6.6680	123.26%

RESEARCH CONTINUED

NASDAQ: AAPL

Stock Date

Stock Price

March 16, 2020

\$242.21

March 13, 2020

\$277.97

March 12, 2020

\$248.23

March 11, 2020

\$275.43

DO THE WORK:

Let's say that instead of buying this iPod, I spent the same amount of money on Apple stock. How much would that stock be worth now?

REFLECT

Should I have bought the Ipod? What do you think? Justify your answer.