

What if I bought Apple stock instead: Data Collection

What information will you need to find in order to answer the question: How much money would I make if I sold an original iPod versus if I sold the same amount of stock?

What I need to know	Value	Where I found it
Ex: Date of iPod's release		

What if I bought Apple stock instead: Calculations

Make sure you know:

- Date the iPod came out
- Price of the original iPod
- Price of AAPL stock the day the iPod came out
- The current price for AAPL stock

How many shares of AAPL stock could you have bought with the iPod money? _____

ROOM TO WORK

How much would those AAPL shares be worth today?

\$_____

ROOM TO WORK

Expressing The Values

Show the value of the iPod today versus the value of the stock today in three ways:

1. Using a pure math skill. Create:

- Percents of the original iPod's price
- A ratio between the current value and the original price
- Bar graphs showing the current values and the original value
- Or use another math skill you have learned...

I'm going to show the values by: _____

ROOM TO WORK

2. Create two equivalences. Express the iPod and stock values using *another* value, such as:

- How many hours of minimum wage work does each value represent
- The number of other products you could buy (PlayStations, Big Macs, Disneyland tickets) using the two values.
- Number of months of rent, car payment, or gym memberships you could afford.

I'm going to show the current iPod value and the stock values as:

1. The number of _____

How much is one of this item worth? _____

How many equal the worth of the iPod? _____

How many equal the worth of the stock? _____

2. The number of _____

How much is one of this item worth? _____

How many equal the worth of the iPod? _____

How many equal the worth of the stock? _____

Investigating Another Pair of Products

After investigating the price of Apple's stock and the price of their original iPod, what other products / companies could you repeat this investigation for? (Perhaps Sony and the original Playstation, Ford and the first F-150, Apple and the first iPhone, etc).

Company _____ Product _____

Date of product's release: _____

Product's original price: _____

Stock price on that day: _____

Stock price today: _____

Product's current value: _____

Total value of stock today: _____

Company _____ Product _____

Date of product's release: _____

Product's original price: _____

Stock price on that day: _____

Stock price today: _____

Product's current value: _____

Total value of stock today: _____

Your Big Idea

Is it better to purchase a product or invest in a company?

What evidence did you find to support this?

#1 _____

Explanation: _____

#2 _____

Explanation: _____

#3 _____

Explanation: _____
