Today is 9/25/17 You will need a graphing calculator and your checking and saving note packet today

Agenda:

Brain teaser

Interest Practice

Test Wednesday!

2. How much money will you have to invest today in order to have \$1,000,000 in 30 years, compounded monthly at a 4% interest?

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N = 366

I% = 4

PV = ? 301,795.87

PMT = 6

FV = 1,000,000

P/Y = 12

C/Y = 12 (automatically fills in same as P/Y)
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3. If you start with \$100,000 today, how long until you have \$1,000,000 if invested at 5% compounded quarterly? $\chi \nu$

4. If you start with \$50,000 and have \$75,000 in 20 years, what was your interest rate if your investment was compounded monthly?

Use the Finance App to Calculate Monthly Payments page 25

You found a nice car at a dealership for \$15,000 plus tax and \$100 DMV fees. You intend to make a \$1,000 down payment. How much will you need a loan for?

What will be your monthly payments if you finance at 7.8% for 5 years?

The dealership is running a 0% interest deal. Recalculate your monthly payments.

The only thing you need to change in the Finance App is $\frac{1\%}{}$

You can only afford \$300/month. What is the maximum interest rate you can afford?

