

Homework 12/9/11

Please do your work on a separate piece of paper to be handed in.

Repeating Decimals

Repeating fractions come in many sizes. The following are **denominators** of repeating fractions: 3,6,7,9,11,13,14,15,17,18,19,21,22,23,24,26,27,...

Select 3 denominators and make fractions for each of them, selecting a numerator for each one, making sure that the numerator you have chosen is relatively prime with its denominator (in other words, your fractions are in simplest form).

Using paper and pencil or a calculator, find the decimal form of your fractions and write them using a repetend for the repeating portion of your decimal.

For each of your three decimals, prove that they are equal to the fraction you selected. Use your notes from today's class to help you.

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Mean, Median, Mode, Range (Measures of Central Tendency)

Houses for Sale

Using the Martha's Vineyard Times or the Vineyard Gazette find 3 houses from each town (that's 18 houses total). Write down their prices.

You must have a mode in your data.

Find the mean price, the median price and the mode price of your houses.

Calculate the range of prices.

Show all your work. Label the mean, median, mode and range.

Write a paragraph on which measure of central tendency you feel best represents the average price of a house on Martha's Vineyard and why.