Welcome to Mrs. Hagen's math class.

Please walk to the front corner of the room and pick up the following:

Scissors, Starter #1, Two yellow papers

## Aug 23

- Name Cards/Seating Chart
- Website/Disclosure
- Calculator Check
- Pre-Test
- Fold September Calendar Math
- 1.1 Notes Add, Subtract Polynomials

Aug 23-6:31 AM

Aug 23-6:33 AM

## Website/Disclosure:

www.chhshagenmath.weebly.com

- · Click your class
- Read the disclosure
- Click on disclosure signature
- · Fill out information and submit

If you have a graphing calculator put it out on your desk so you can get extra credit:)

Aug 23-6:35 AM

Aug 23-6:36 AM

## Pre-Test #1

This is only participation, if you take it you get full points.

DO NOT GUESS, select I don't know

Calendar Math:

Mini-units at the first 5 min of class each day.

Quiz at the end of the month

September: Parent Functions on yellow

Aug 23-6:38 AM Aug 23-6:37 AM

1.1 Add, Subtract Polynomial Notes

2 band

What is a polynomial?

many terms, constant, variable, product of both no negative powers, no fraction powers How do you name the degree of the

polynomial? The highest power

What is standard form for a polynomial? In order highest power to lowest power What is the constant? Stays the same a number - no variable

What is the leading coefficient?

leading term The number in front of the term

with the highest power

Aug 23-6:39 AM

Aug 23-6:41 AM

Ex1) 65

Polynomial: yes

Standard Form: 65

Degree: 65 x 2ero

Leading Coefficient:

Constant: 65

Ex 2) 3x2-4x+13-2x5

Polynomial: yes

Standard Form: -2x +3x -4x+13

Degree: 5

Leading Coefficient: - 2

Constant: 13

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Aug 23-6:43 AM

Ex 3)  $45 \times y^{-3} + 2^{5}$ 

Polynomial: No - negative power

Standard Form:

Degree:

Leading Coefficient:

Constant:

Ex 4)  $\sqrt[4]{x'}$ 

Polynomial: NO - Fraction power

Standard Form:

Degree:

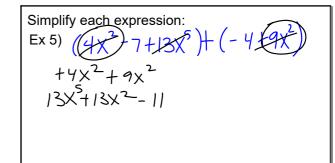
Leading Coefficient:

Constant:

How to add and subtract polynomials:

Combine like terms

- Same powers
- Same Variable/base

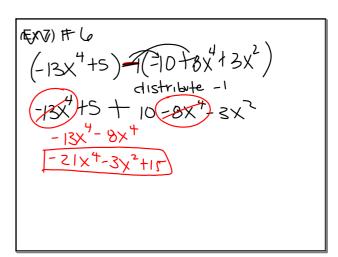


Aug 23-6:44 AM

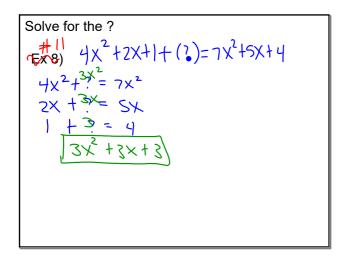
$$(4x^{4} + 7x - 8x^{2}) + (8x^{2} + 8x - 2x^{4})$$

$$-8x^{2} + 8x^{2} = 0$$

$$2x^{4} - x$$



Aug 23-6:46 AM



## Homework:

- Disclosure
- Calculator
- 1.1 #1-14

Aug 23-6:46 AM Aug 23-6:47 AM