Algebra II Section 5.9 Day 2 Operations with Complex Numbers The Graphing Calculator

$$f(x) = \chi^2 + 4x + 3$$
(x 5)
(21)

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Nov 5-11:43 AM

Bell Ringer

You and your classmates decide to sell sweatshirts and T-shirts to raise money for a school trip. You decide that you should sell at least fifteen items, but do not want to exceed 75 items. Based on a small survey of students, you also decide that the number of T-shirts should be at least twice the number of sweatshirts. Which system is the model?

| A) S+T <u>></u> 75 | B) S+T <u><</u> 75 | C) S+T <u><</u> 75 | D) S+T <u>></u> 75 |
|-----------------------|-----------------------|-----------------------|-----------------------|
| S+T <u>≥</u> 15 | S+T <u><</u> 15 | S+T <u>></u> 15 | S-T <u>≥</u> 15 |
| T<2S | T>2S | T>2S | T<2S |

Today we are going to complete the problems we did yesterday using the Graphing Calculator.

Add, Subtract, or Multiply.

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Divide

1.
$$\frac{6-2i}{3i}$$
 $\frac{2}{3}$ $\frac{2}{3}$ $\frac{6+8i}{5-3i}$

2nd Ans

Math

The simplify E

1. $\frac{1}{i}$ $\frac{4}{5}$ $\frac{2}{5}$ $\frac{4}{5}$ $\frac{4}{5}$

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Conclusion

- 1. Any questions about the graphing calculator?
- 2. Any questions about complex numbers?
- 3. ?????s

Assignment

Wkst

You may use the calculator.

Complete what you can in class because you will have to do the rest by hand at home.

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