

Chapter 4 Review

Mr. Sorice

Integrated Math III
November 11, 2019

Agenda

- 1 Grading & Question to ponder
- 2 Today's objective
- 3 Today's work
- 4 End of class

Question to Ponder

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Think about that while we grade yesterday's work:
4-Review: 1-47 odds, 53 & 55.

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4-Review: 1-47 odds, 53 & 55.

(Remember: this is the best time to ask about problems you don't understand!)

Question to Ponder, Revisited

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Question to Ponder, Revisited

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Question to Ponder, Revisited

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Question to Ponder, Revisited

If $2i$ is a zero of a polynomial, why does $-2i$ also have to be one?

- The complex conjugate theorem... but why?
- What's good or useful about polynomials with real or integer coefficients?

Today's Objective and Work

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Practice using our polynomial tools to solve a wide variety of problems. Consider which tool to use as you attack each problem.

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Figuring out tool(s) to use will be more important today – it will be less obvious when problems aren't sorted by section.

Today's work

Today's Classwork:

- Ch. 4 Practice Test (p. 263): 1-19 & 22-25
(both all).

(Objective: Practice using our polynomial tools to solve a wide variety of problems. Consider which tool to use as you attack each problem.)

End of Class, Part 1

Today, we again practiced mixing our tools to deal with polynomials. We approached various problems, considering which tool to use for which problem.

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Today, we again practiced mixing our tools to deal with polynomials. We approached various problems, considering which tool to use for which problem. Tomorrow, we'll do some more targeted review ahead of our test on Friday.

End of Class, Part 2

Please fill in an exit slip and hand it to me on your way out.

Sections:

- 4-1 Simplifying/Exponent rules
- 4-2 Dividing
- 4-3 Evaluation & end behavior
- 4-4 Graphing – zeros & turning points
- 4-5 Factoring & solving equations
- 4-6 Remainder Theorem – synthetic substitution
- 4-7 Finding zeros – F.T.A. & C.C.T.
- 4-8 Rational Zero Theorem