

Assignments for the Week of Monday 12/7 - Friday 12/11

Monday 12/7 4.5 B

1. **Watch the video:** 4.5 B Solving Poly's – Rational Root Theorem
<https://web.microsoftstream.com/video/ef21f091-9e75-46a2-8d4a-193ccefee2d5>
2. **Assignment:** 4.5 B p.194; #21, 22, 26-28
 - a. For 26-28, show list of possible rational solutions.
 - b. Show synthetic divisions used to test.
 - c. Show resulting polynomial and factorization of it.
 - d. Show solutions.
3. Please submit this assignment no later than 10pm Tuesday night.

Tuesday 12/8 4.6

1. **Watch the Video:** 4.6 Fundamental Theorem of Algebra
<https://web.microsoftstream.com/video/a6fd27d9-d3bb-4ef2-a92d-6cf822732689>
2. **Assignment:** 4.6 p.202; #3-8, 54-57
3. Please submit this assignment no later than 10pm Wednesday night.

Wednesday 12/9 4.7

1. **Watch the Video:** 4.7 Transformations of Poly. Functions
<https://web.microsoftstream.com/video/e17d0777-e1bf-462e-9762-b3830fe374d5>
2. **Assignment:** 4.7 p.209; #5-14 **YOU DO NOT NEED TO GRAPH THESE.**
3. Please submit this assignment no later than 10pm Thursday night.

Thursday 12/10 Book Review

1. **Assignment:** 4.4 – 4.7 Review p.188; #12-15 AND p.227; #19-24
 - a. Follow directions.
 - b. Show the synthetic division as needed.
 - c. 4.6 and 4.7 content will be addressed in the Forms Review.
2. Please submit this assignment no later than 10pm Friday night.

Friday 12/11 Forms Review This will be posted on or before Thursday, 12/10

1. **Assignment:** Take the forms Review
 - a. This is a Forms document you can access in the Teams assignment.
 - b. You can take it as many times as you like. **Definitely** take it before you take the quiz.
 - c. Great practice for format and content of the quiz.
 - d. Your grade will be converted to a 5-point grade in PowerSchool.
2. The 4.4 – 4.7 Quiz will be next Wednesday.
 - a. We will be going over the reviews Friday for B-Day kids.
 - b. We will be going over the reviews next Monday for A-Day kids.

NOTES: Have a great weekend!

Check in again next Monday! 😊