**Third Quarter: January 22 – March 26, 2019- Credit Recovery Videos**

For each video, be sure to write the title and take notes on **all** problems.

For third quarter credit, you will need to turn in the video notes and take the quarter retake.

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| **Rational Functions Unit** | **Circles Unit** |
| Simplifying Rational Expressions | Circle Vocabulary, Area and Circumference |
| Multiplying and Dividing Rational Expressions | Arc and Chords |
| Adding and Subtracting Rational Expressions | Inscribed Angles |
| Rational Equations | Tangent Lines of Circles |
| Graphs - Asymptotes, Holes |  |

Rational Functions

1) Multiplying Rational Expressions

<https://www.khanacademy.org/math/algebra2/rational-expressions-equations-and-functions/multiplying-and-dividing-rational-expressions/v/multiplying-and-dividing-rational-expressions-2?modal=1>

2) Dividing Rational Expressions

<https://www.khanacademy.org/math/algebra2/rational-expressions-equations-and-functions/multiplying-and-dividing-rational-expressions/v/multiplying-and-dividing-rational-expressions-3>

3) Practice – Multiplying and Dividing Rational Expressions

<https://www.khanacademy.org/math/algebra2/rational-expressions-equations-and-functions/multiplying-and-dividing-rational-expressions/e/multiplying_and_dividing_rational_expressions_2>

4) Adding Rational Expressions

<https://www.khanacademy.org/math/algebra2/rational-expressions-equations-and-functions/adding-and-subtracting-rational-expressions/v/adding-rational-expression-w-unlike-denominators?modal=1>

5) Subtracting Rational Expressions

<https://www.khanacademy.org/math/algebra2/rational-expressions-equations-and-functions/adding-and-subtracting-rational-expressions/v/subtracting-rational-expressions-w-unlike-denominators?modal=1>

6) Practice – Adding and Subtracting Rational Expressions

<https://www.khanacademy.org/math/algebra2/rational-expressions-equations-and-functions/adding-and-subtracting-rational-expressions/e/adding_and_subtracting_rational_expressions_2?modal=1>

7) Solving Rational Equations

<https://www.khanacademy.org/math/algebra2/rational-expressions-equations-and-functions/solving-rational-equations/v/ex-1-multi-step-equation?modal=1>

8) Graphing Rational Functions

<https://www.youtube.com/watch?v=OEQnQNvJtG0>

Circles

1) Radius, Diameter, Circumference

<https://www.khanacademy.org/math/geometry/hs-geo-circles/hs-geo-circle-basics/v/circles-radius-diameter-and-circumference?modal=1>

2) Arc Measures

<https://www.khanacademy.org/math/geometry/hs-geo-circles/hs-geo-arc-measures/v/intro-arc-measure?modal=1>

3) Finding Arc Measures

<https://www.khanacademy.org/math/geometry/hs-geo-circles/hs-geo-arc-measures/v/arc-measure-example-problems?modal=1>

4) Practice – Arc Measures

<https://www.khanacademy.org/math/geometry/hs-geo-circles/hs-geo-arc-measures/e/arc-measure?modal=1>

5) Inscribed Angles

<https://www.khanacademy.org/math/geometry/hs-geo-circles/hs-geo-inscribed-angles/v/inscribed-angles-exercise-example?modal=1>

6) Inscribed Angles with Triangles

<https://www.khanacademy.org/math/geometry/hs-geo-circles/hs-geo-inscribed-shapes/v/hypotenuse-of-right-triangle-inscribed-in-circle?modal=1>

7) Practice – Inscribed Angles

<https://www.khanacademy.org/math/geometry/hs-geo-circles/hs-geo-inscribed-angles/e/inscribed_angles_1?modal=1>

8) Tangent Lines of Circles – Example 1

 <https://www.khanacademy.org/math/geometry/hs-geo-circles/hs-geo-tangents/v/tangents-of-circles-exercise-examples?modal=1>

9) Tangent Lines of Circles – Example 2

 <https://www.khanacademy.org/math/geometry/hs-geo-circles/hs-geo-tangents/v/measure-of-circumscribed-angle?modal=1>

10) Tangent Lines of Circles – Example 3

<https://www.khanacademy.org/math/geometry/hs-geo-circles/hs-geo-tangents/v/example-with-tangent-and-radius?modal=1>

11) Practice – Tangent Lines of Circles

<https://www.khanacademy.org/math/geometry/hs-geo-circles/hs-geo-tangents/e/central--inscribed--and-circumscribed-angles?modal=1>