

Math Analysis

Unit 1: Equations, Relations, and Functions Target Page

Essential Learning Target: Write and solve equations when the process requires planning or strategic manipulation. Analyze and model linear, quadratic, absolute value, and piecewise functions.

Pre-Learning Self-Assessment:

What is your knowledge level for this unit right now? (1 is "No idea" and 10 is "I rock this")

1 2 3 4 5 6 7 8 9 10

Where do you want your knowledge level to be at the end of this unit?

1 2 3 4 5 6 7 8 9 10

What specific actions can you do to help reach this goal?

<p>TARGET 1: <i>Identify and analyze parallel and perpendicular lines, and use the distance and midpoint formulas in the coordinate plane.</i> (AF602, AF603, G510, G511, G605, G606)</p> <p>Reinforcement Activity:</p>	<p><u>FORMATIVE SCORE</u></p>	<p><u>RETAKE (if needed)</u></p>
<p>TARGET 2: <i>Analyze and solve word problems involving rates, proportions and percentages.</i> (AF601, AF702, F504)</p> <p>Reinforcement Activity:</p>	<p><u>FORMATIVE SCORE</u></p>	<p><u>RETAKE (if needed)</u></p>
<p>TARGET 3: <i>Identify the domain/range of a relation or function (both graphically and algebraically) and evaluate functions.</i> (AF604, F504, F604)</p> <p>Reinforcement Activity:</p>	<p><u>FORMATIVE SCORE</u></p>	<p><u>RETAKE (if needed)</u></p>
<p>TARGET 4: <i>Graph and analyze relations and functions including linear, quadratic, absolute value and piecewise functions.</i> (AF703, AF704, AF705, AF706)</p> <p>Reinforcement Activity:</p>	<p><u>FORMATIVE SCORE</u></p>	<p><u>RETAKE (if needed)</u></p>
<p>FORMATIVE AVERAGES:</p>		
<p>PRACTICE AVERAGES:</p>		
<p>Summative Assessment (Cumulative Test)</p>	<p><u>SUMMATIVE SCORE</u></p>	
<p>*Students are allowed 1 week from the day the test is handed back to retake if they have meet the teacher's requirements. **Students are allowed only 1 retake.</p>		
<p>CHAPTER GRADE (60% Cumulative Chapter Test, 38% Formatives, 2% Practice)</p>		

Post-Learning Self-Assessment:

What is your knowledge level right now (after learning)? (1 is "No idea" and 10 is "I rock this")

1 2 3 4 5 6 7 8 9 10

What specific actions did you use in this unit?

What specific actions do you need to incorporate in the future?

Notes to Self:

What actions or habits worked well for me in this unit?

What should I work on for the next unit?

Other Notes: