



Classwork/Homework

MHS worksheets from Chapter 1

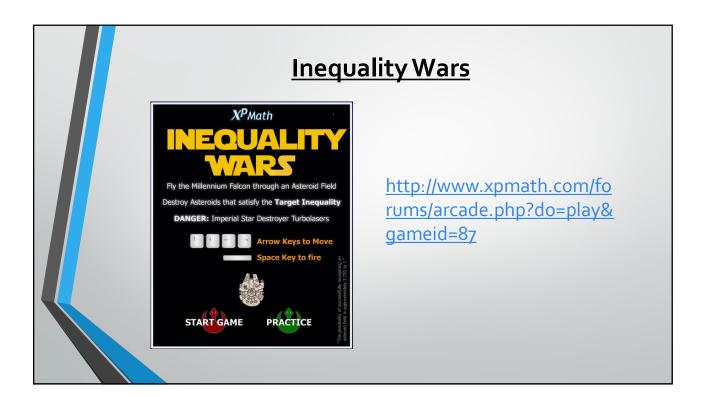
- Introduction to Linear Functions
- Slope of a Line
- Slope-Intercept form of a Line

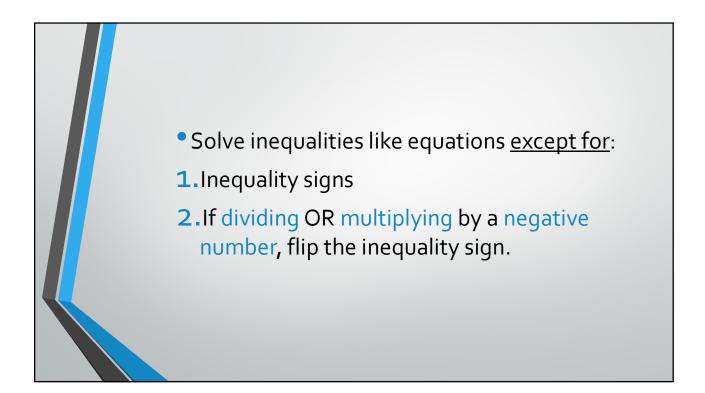
Review these worksheets and make sure you can do them really easily—you should be zipping through them before you move on to the next section.

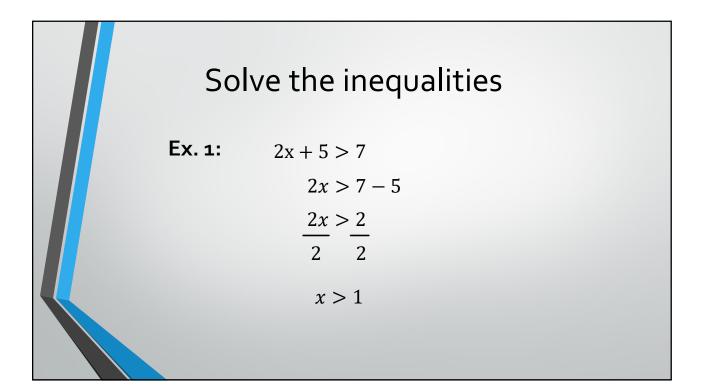
CHAPTER 1

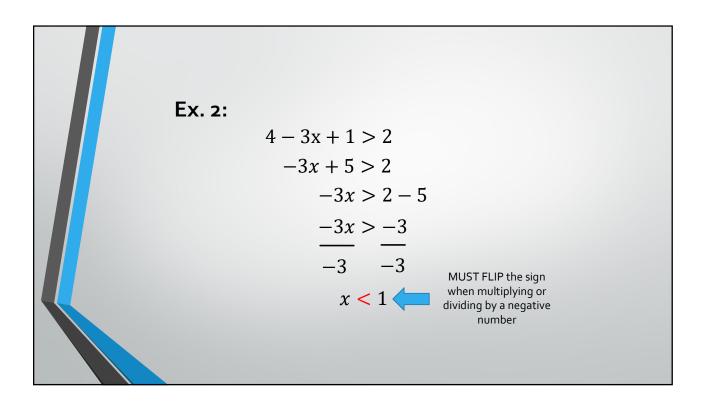
Solving one-variable first degree inequalities

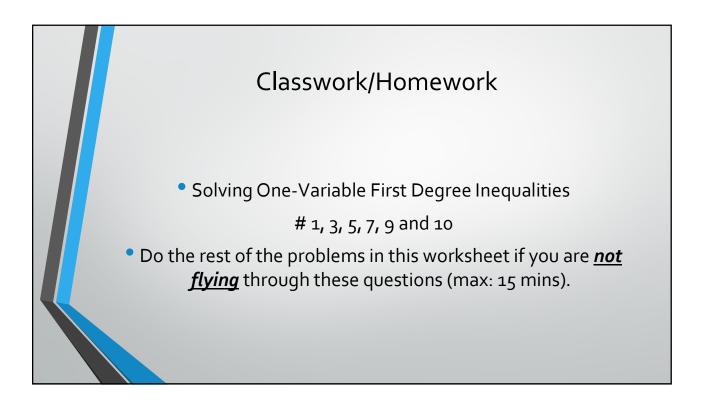
Symbol	Meaning
<	less than
\leq	less than or equal to
>	greater than
\geq	greater than or equal to

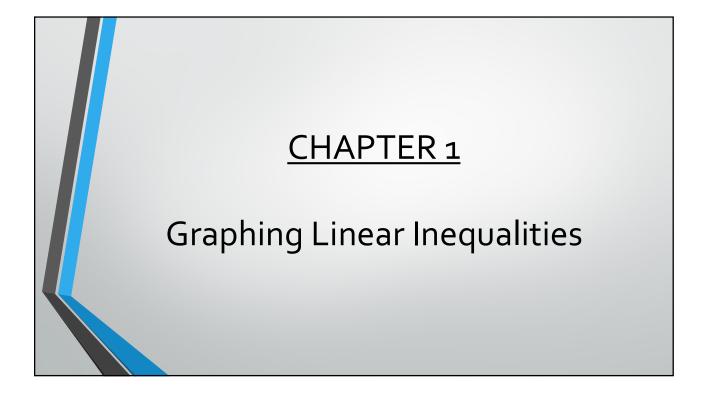


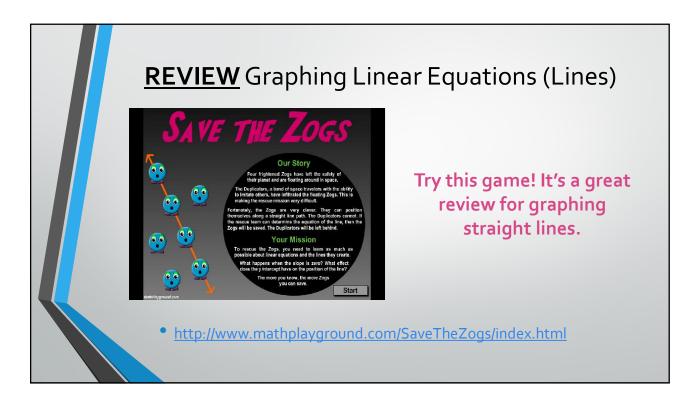












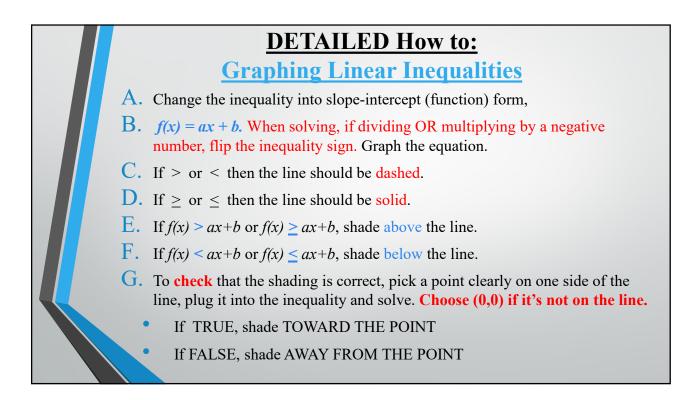
Graphing Inequalities

BASIC How to—Graphing Inequalities

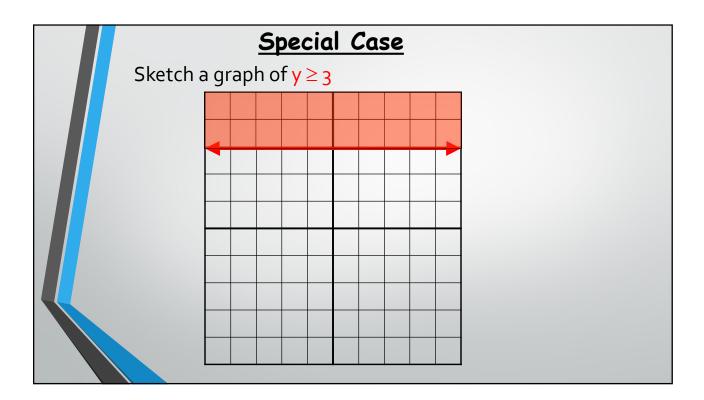
1.Graph the line (put it in function form first)

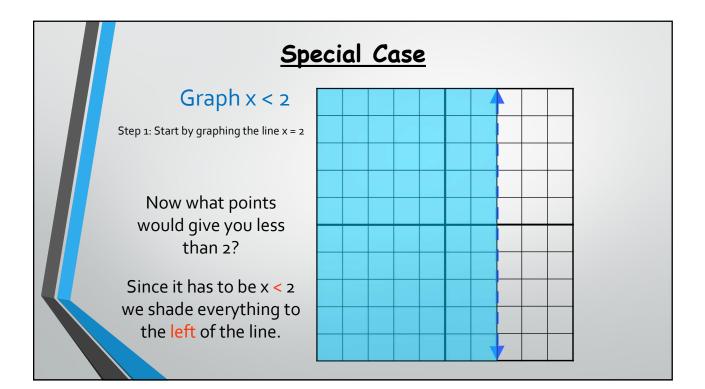
2. Shade all included values

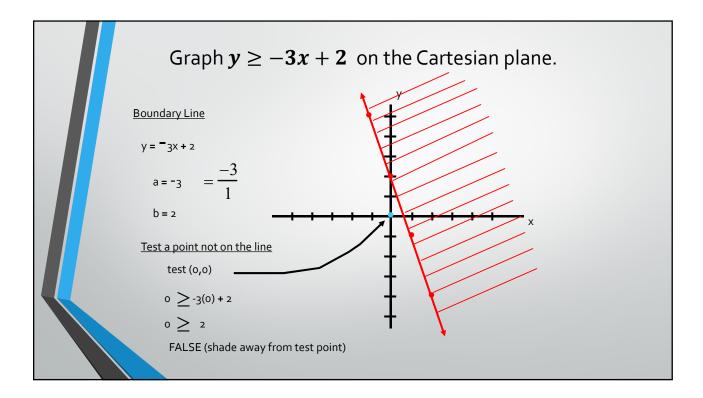


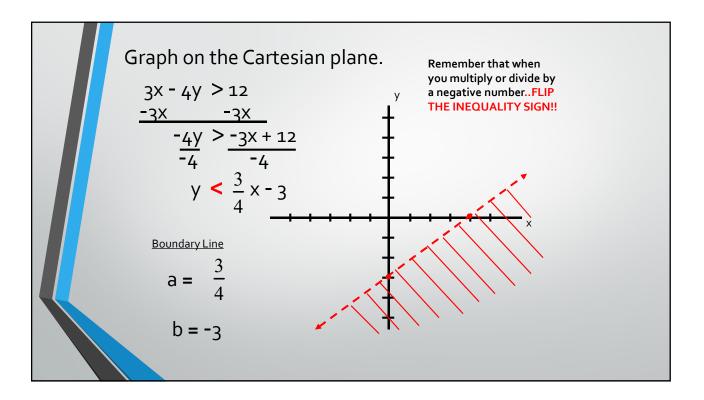


	 ^d ^v gRAPHING INEQUALITIES 		
	INEQUALITY SYMBOL	TYPE OF LINE (dashed or solid)	WHERE TO SHADE (above or below line) SHORTCUT-MUST BE IN FUNCTION FORM
	<	dashed	below
	>	dashed	above
	≤	solid	below
	2	solid	above

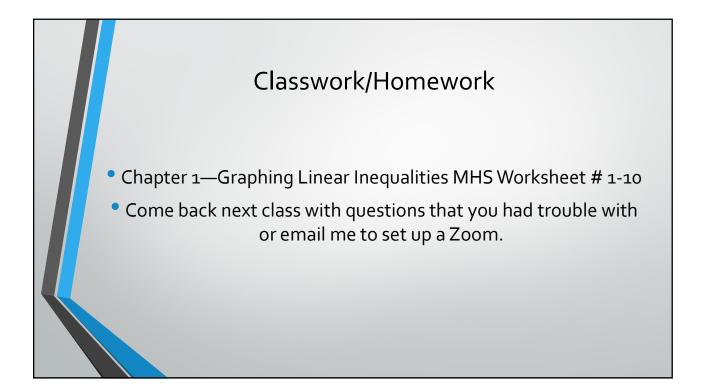


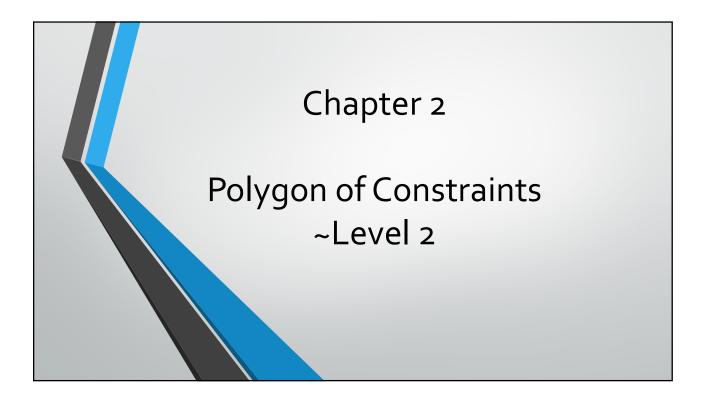


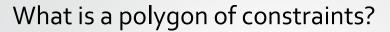




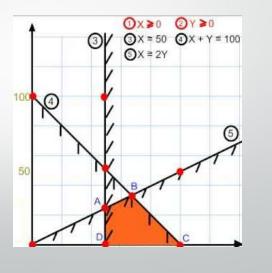


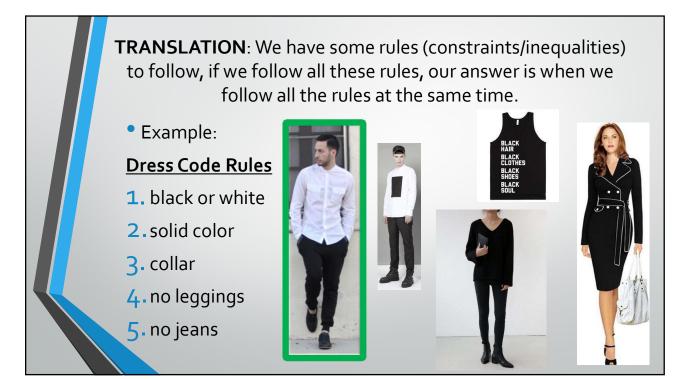






- A system (2 or more) of inequalities graphed on the same Cartesian Plane.
- The solution (answer) of a polygon of constraints is where all the shading overlaps.







- . Graph all the <u>constraints</u> (inequalities) on the same Cartesian Plane (label axes, origin, scale, lines).
- II. Use arrows to indicate where the shading should go.
- III. Color in (shade) the area where the shading OVERLAPS.
- **IV.** Possible solutions:
- a) Points in the overlapping shaded area
- D) Points on the solid lines, NOT DASHED lines

