

MATH 161 WORKOUT 4 NAME: \_\_\_\_\_

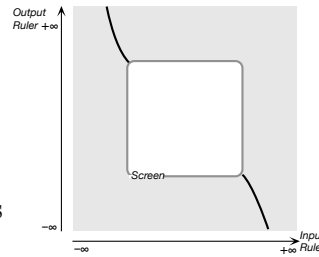
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[ Run: 01/28/2013 at 11:22. Order of Checkable Items: List.]

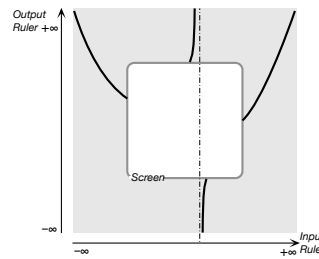
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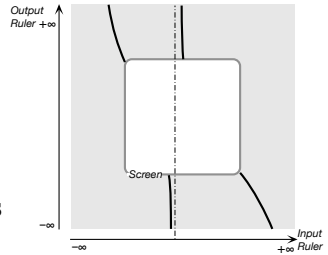
4-1. Draw the global graph of a function which is NOT smooth.

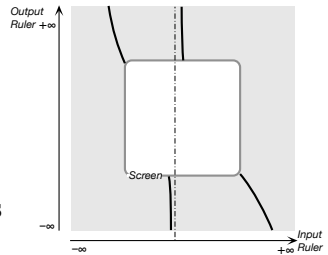
4-2. Given the function whose *local graph near  $\infty$*  is  
draw a *smooth interpolation*.

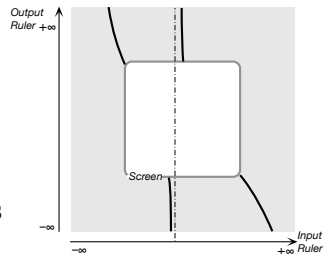


4-3. Given the function whose *offscreen graph* is  
draw its *bounded graph*

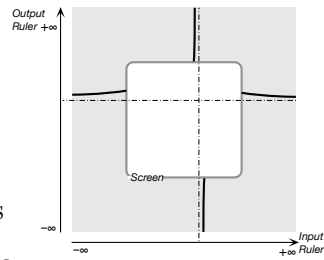


4-4. Given the function whose *offscreen graph* is  how many essential concavity-sign change inputs does it have?

4-5. Given the function whose *offscreen graph* is  how many essential slope-sign change inputs does it have?

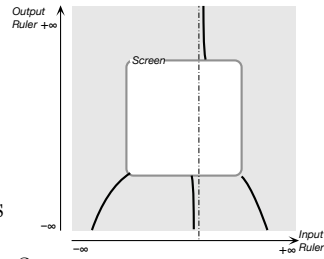
4-6. Given the function whose *offscreen graph* is  how many essential *height-sign change* inputs does it have?

- 4-7. Given the function whose *offscreen graph* is
- many essential 0-slope inputs does it have?



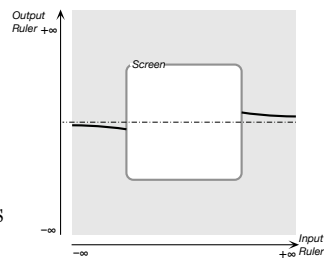
how

- 4-8. Given the function whose *offscreen graph* is
- many *essential* 0-height inputs does it have?



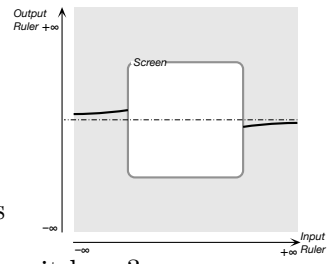
how

- 4-9. Given the function whose *offscreen graph* is
- many essential minimum height inputs does it have?



how

4-10. Given the function whose *offscreen graph* is



how

many essential maximum height inputs does it have?