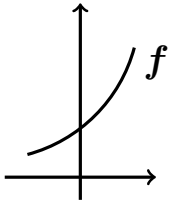
Fill in the blanks for each snippet 1–8 with:

$\underline{>0}$ (is positive), $\underline{<0}$ (is negative),

$\underline{\nearrow}$ (is increasing), $\underline{\searrow}$ (is decreasing),

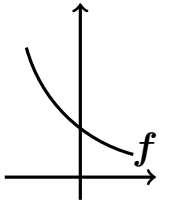
$\underline{\cup}$ (is concave up), $\underline{\cap}$ (is concave down).

1. 

Above/below x-axis? f $\underline{>0}$

Increasing/decreasing? f $\underline{\nearrow}$ because f' $\underline{>0}$

Concavity? f $\underline{\cup}$ because f' $\underline{\nearrow}$ because f'' $\underline{>0}$

2. 

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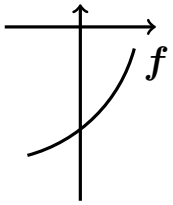
3. 

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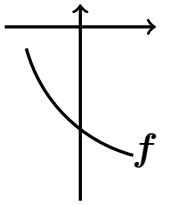
4. 

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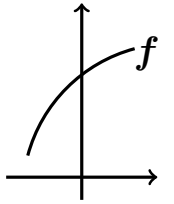
5. 

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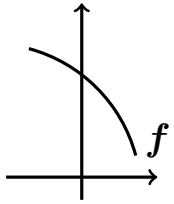
6. 

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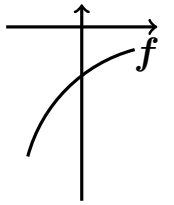
7. 

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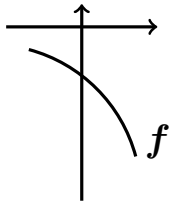
8. 

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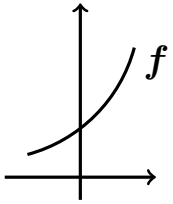
1. 

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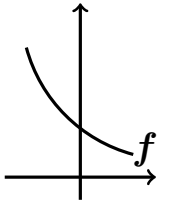
2. 

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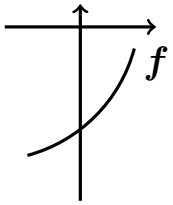
3. 

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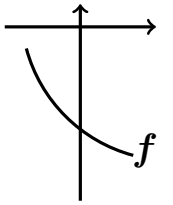
4. 

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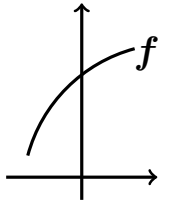
5. 

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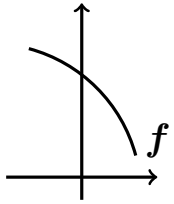
6. 

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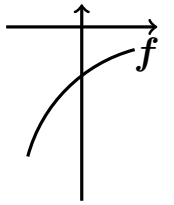
7. 

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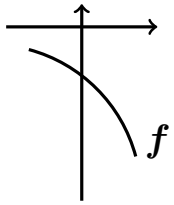
8. 

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