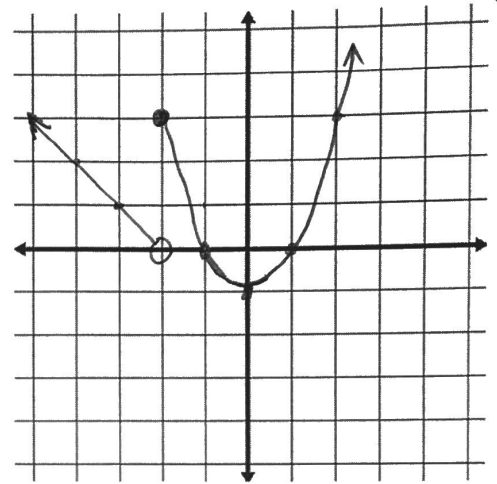


2. Graph the following piecewise function $y=f(x)$.

$$f(x) = \begin{cases} |x| - 2, & x < -2 \\ x^2 - 1, & x \geq -2 \end{cases}$$

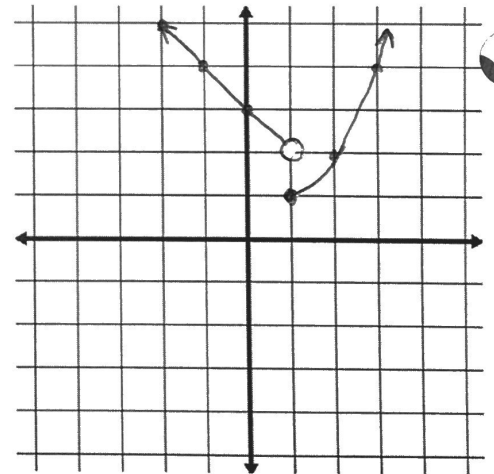
| x | f(x) |
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3. Graph the following piecewise function $y=f(x)$.

$$f(x) = \begin{cases} |x - 2| + 1, & x < 1 \\ 2^{x-1}, & x > 1 \end{cases}$$

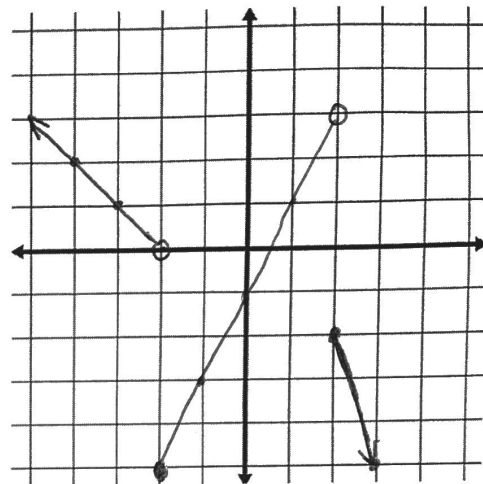
| x | f(x) |
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4. Graph the following piecewise function $y=f(x)$.

$$f(x) = \begin{cases} -x - 2, & x < -2 \\ 2x - 1, & -2 \leq x < 2 \\ -3x + 4, & x \geq 2 \end{cases}$$

| x | f(x) |
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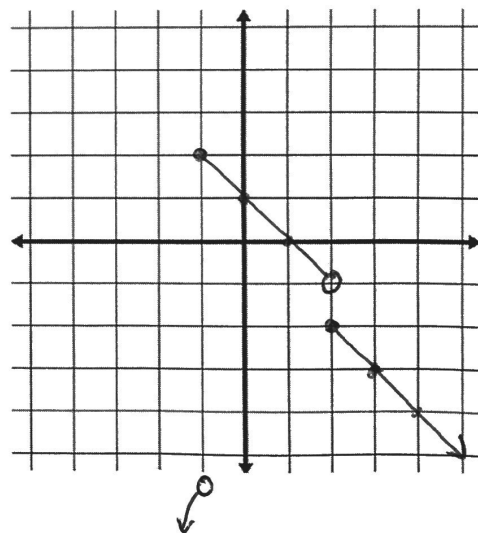


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5. Graph the following piecewise function $y=f(x)$.

$$f(x) = \begin{cases} -x^2 - 5, & x < -1 \\ -x + 1, & -1 \leq x < 2 \\ -|x|, & x \geq 2 \end{cases}$$

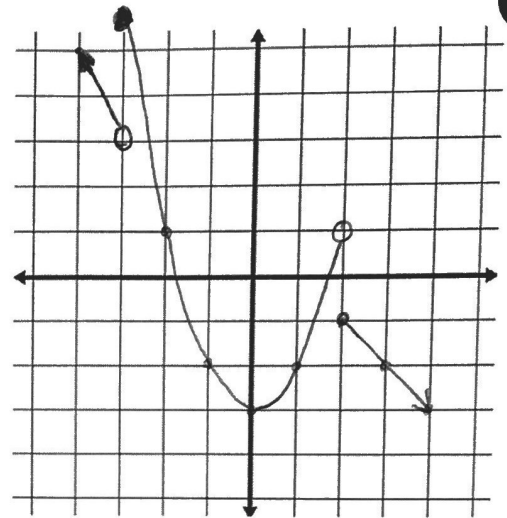
| x | f(x) |
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6. Graph the following piecewise function $y=f(x)$.

$$f(x) = \begin{cases} -2x - 3, & x < -3 \\ x^2 - 3, & -3 \leq x < 2 \\ -x + 1, & x \geq 2 \end{cases}$$

| x | f(x) |
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7. Graph the following piecewise function $y=f(x)$.

$$f(x) = \begin{cases} x, & x < -3 \\ -2x - 4, & -3 \leq x < 0 \\ \sqrt{x}, & x \geq 0 \end{cases}$$

| x | f(x) |
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