

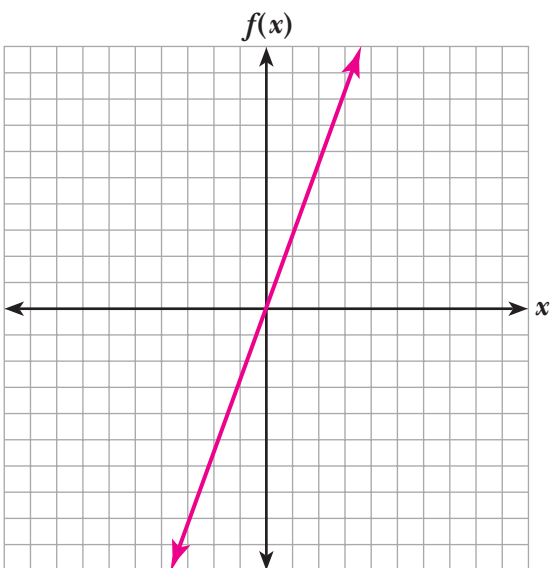


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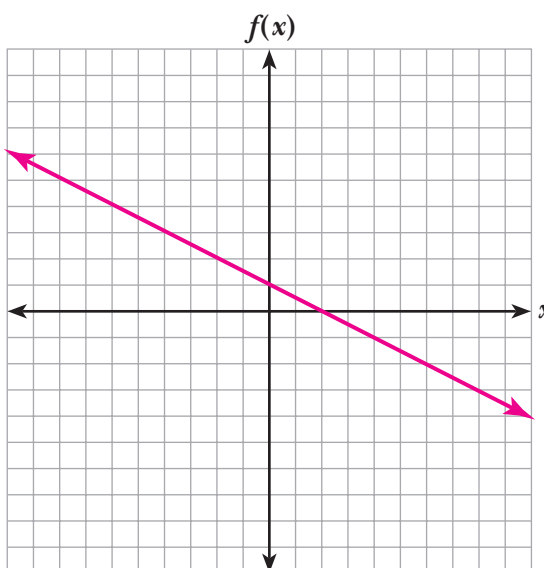
Module 9 Using Functions
Lesson 4 Graphing Functions

Set 1

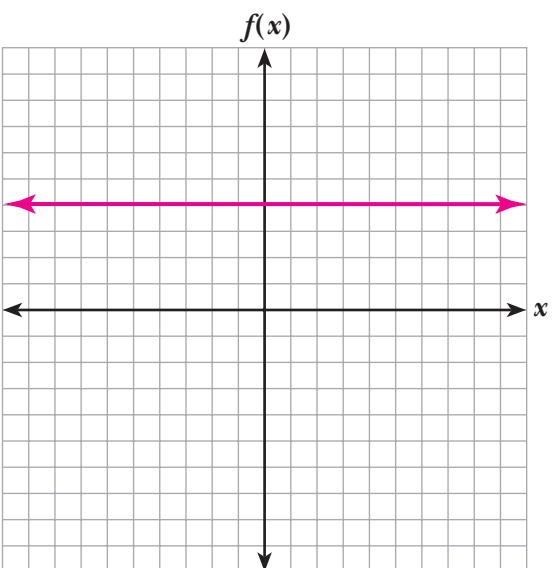
1. Graph $f(x) = 3x$.



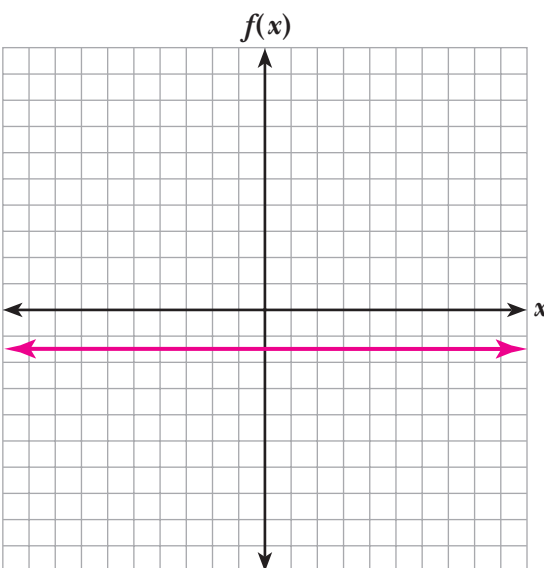
2. Graph $f(x) = -\frac{x}{2} + 1$.



3. Graph $f(x) = 4$.



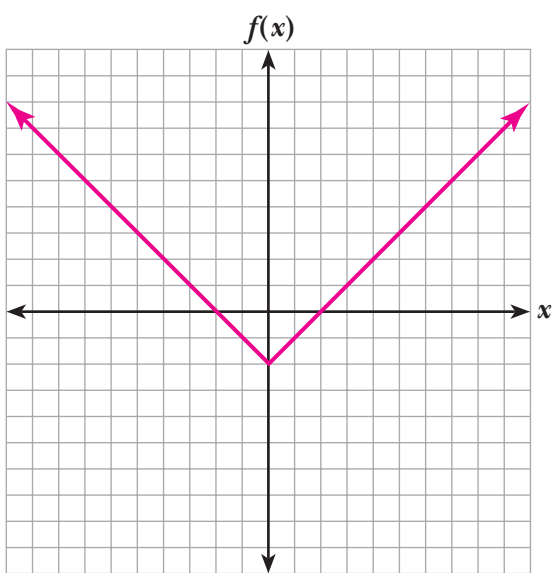
4. Graph $f(x) = -1.5$.



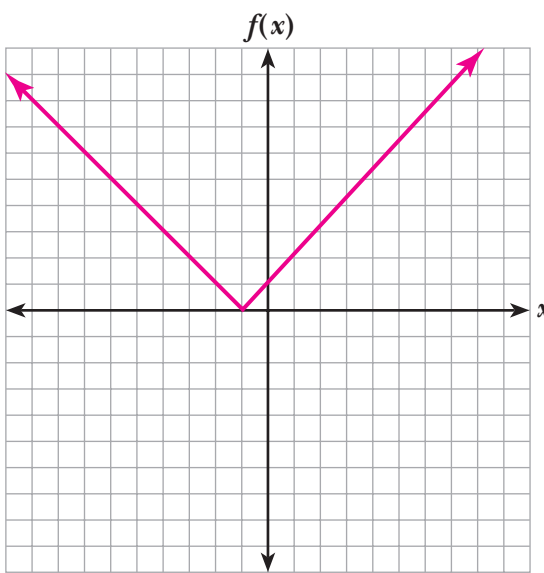
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Set 2

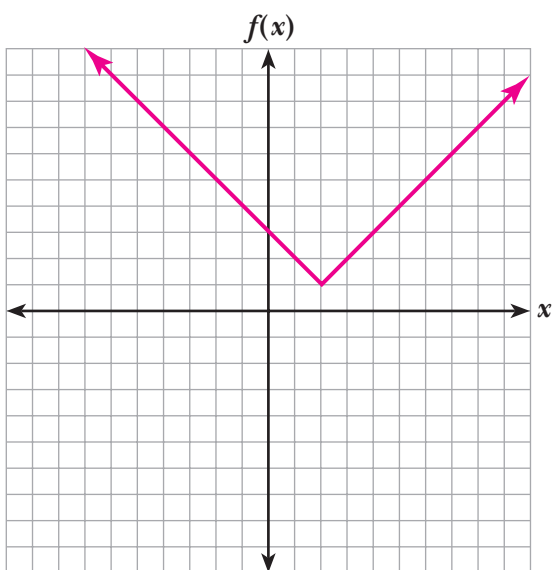
1. Graph $f(x) = |x| - 2$.



2. Graph $f(x) = |x + 1|$.



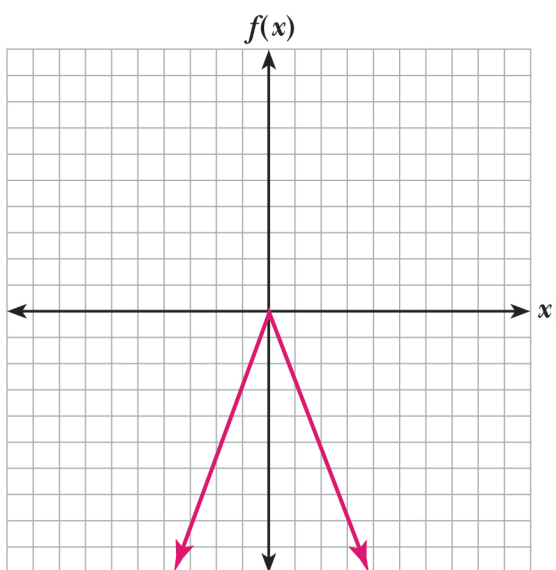
3. Graph $f(x) = |x - 2| + 1$.



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Set 3

1. Graph $f(x) = \begin{cases} 3x, & x \leq 0 \\ -3x, & x > 0 \end{cases}$



2. Graph $f(x) = \begin{cases} -\frac{x}{2} - \frac{9}{2}, & x \leq -3 \\ -3, & -3 < x \leq 3 \\ x - 6, & x > 3 \end{cases}$

