

NAME _____

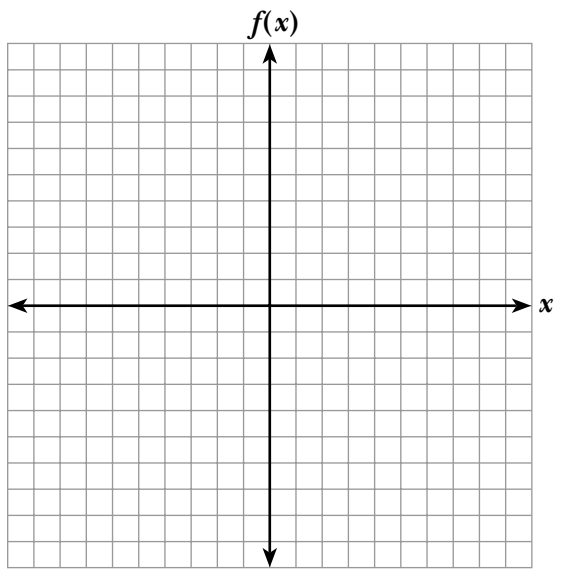
DATE _____

Module 9 Using Functions
Lesson 4 Graphing Functions

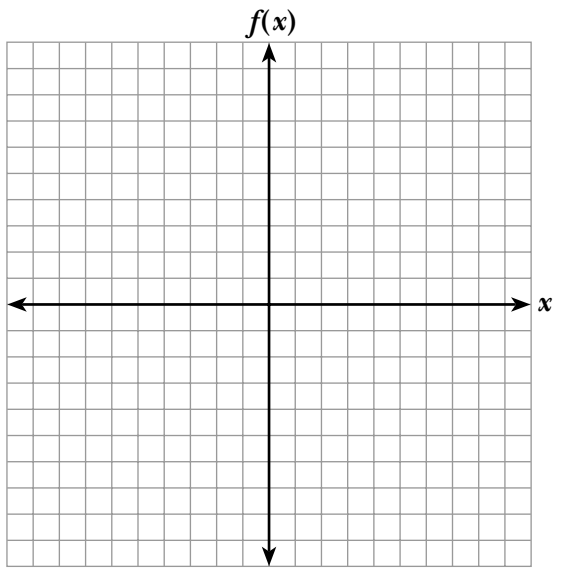
additional practice

Graph each linear function.

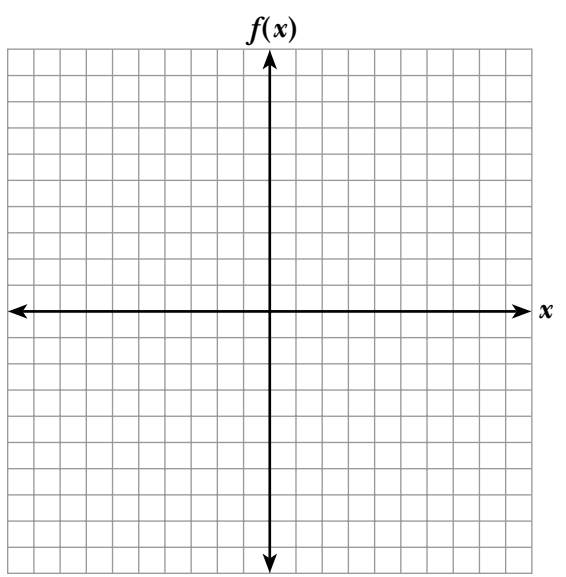
1. $f(x) = -2x$



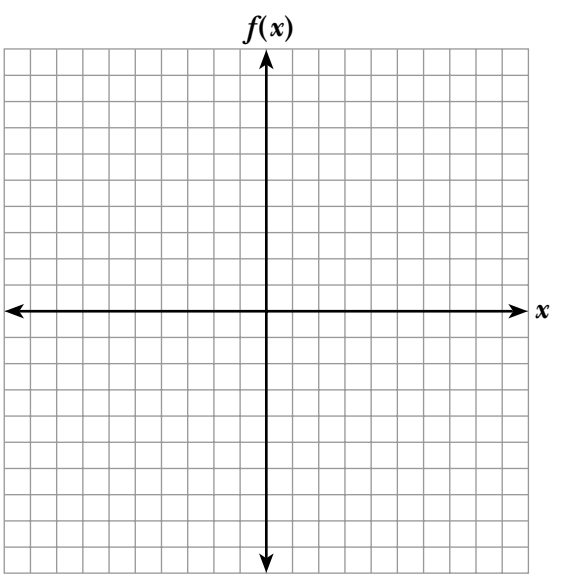
2. $f(x) = 4x$



3. $f(x) = \frac{1}{2}x$



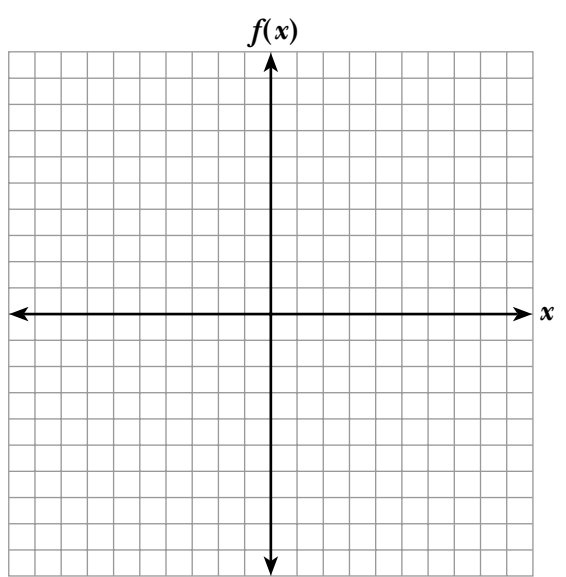
4. $f(x) = x + 3$



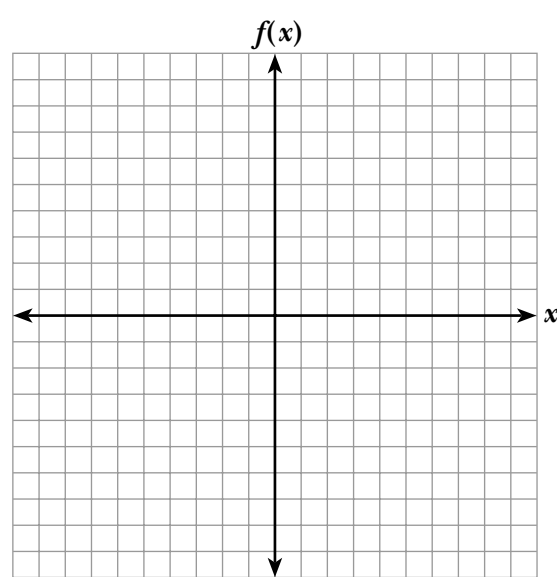
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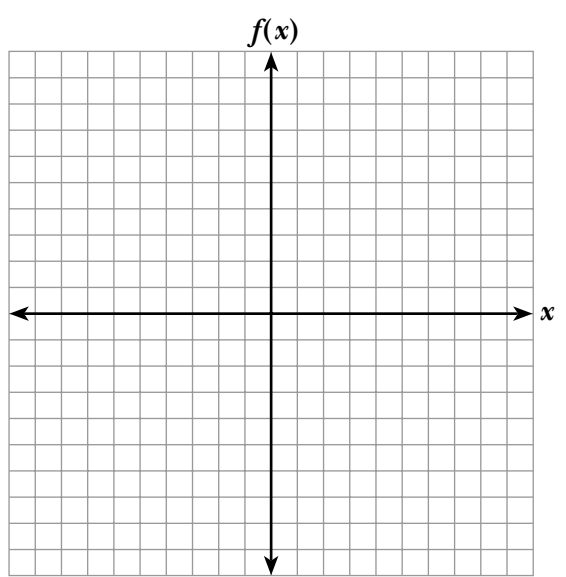
5. $f(x) = 2x - 1$



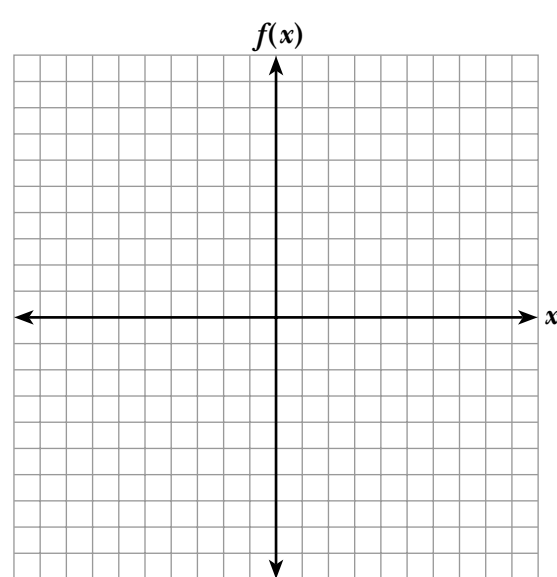
6. $f(x) = \frac{2}{3}x - 4$



7. $f(x) = -4$



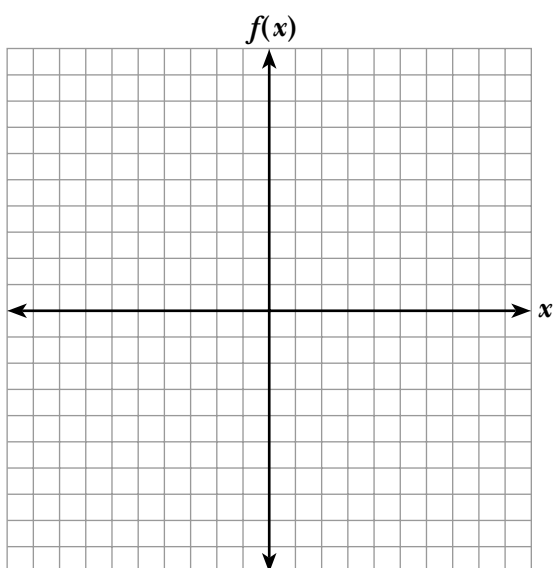
8. $f(x) = 7$



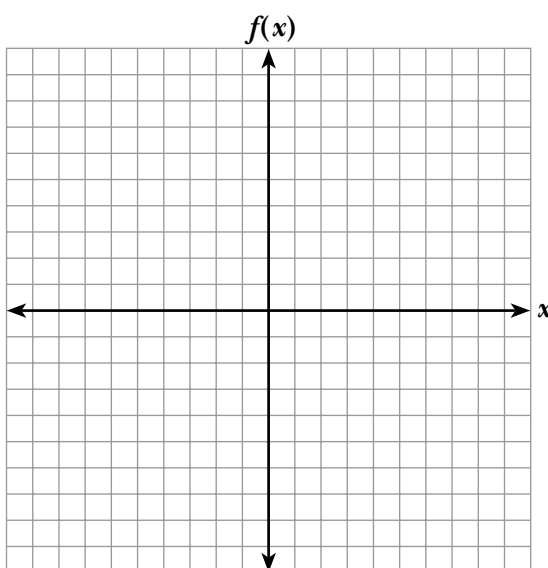
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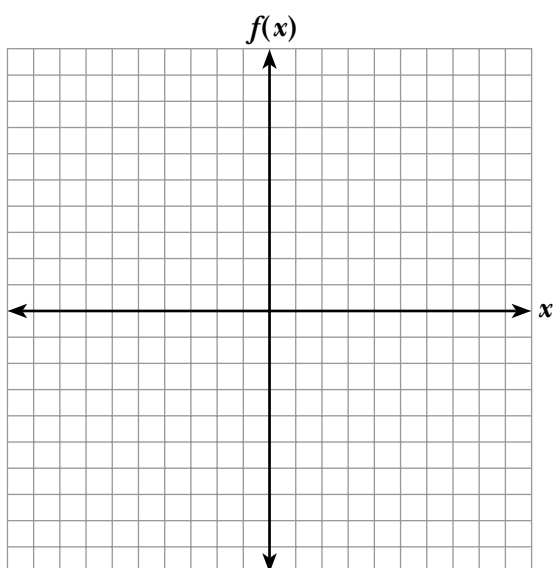
9. $f(x) = |x - 4|$



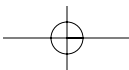
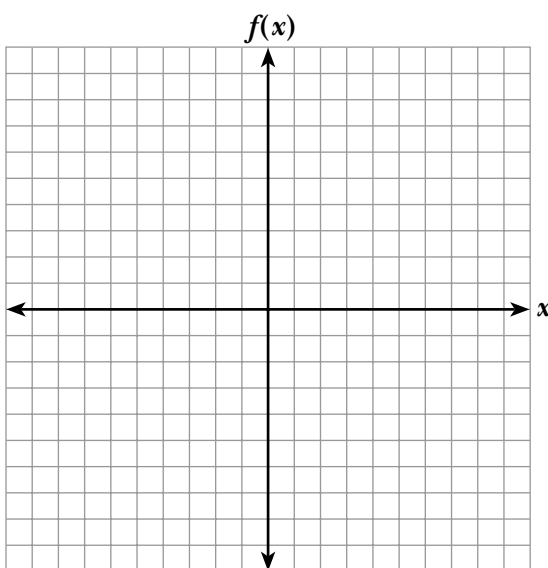
10. $f(x) = |x| + 3$



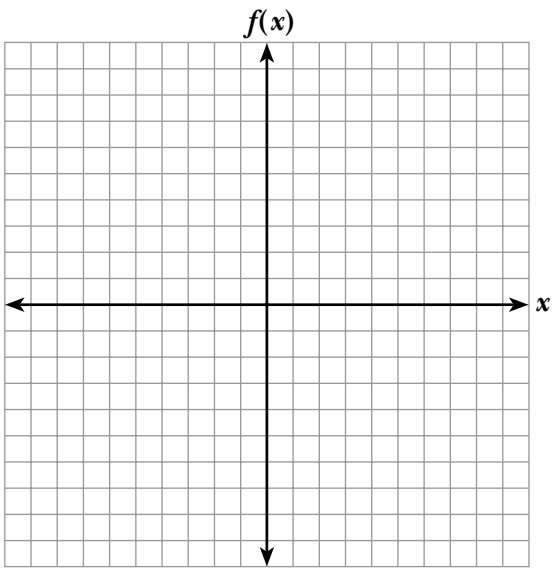
11. $f(x) = |x - 1| + 1$



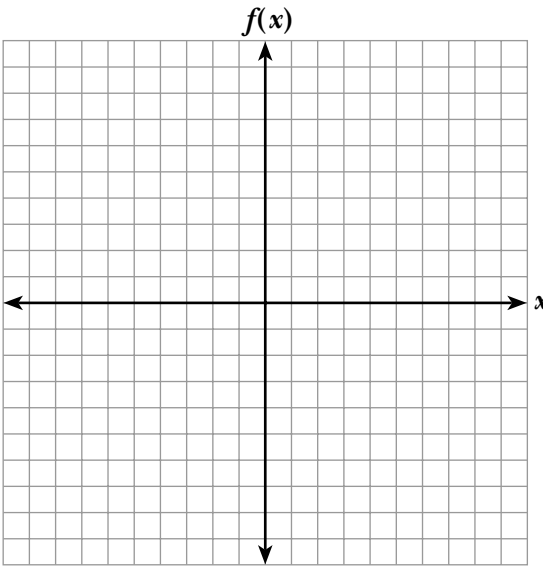
12. $f(x) = |x + 6| - 2$



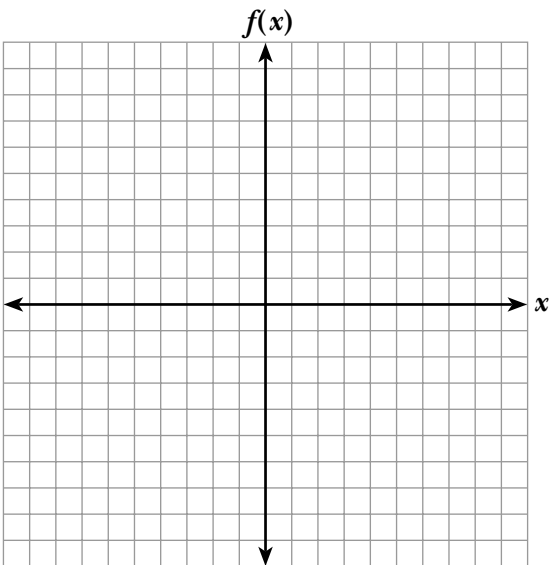
13. $f(x) = \begin{cases} 4, & x < 0 \\ x + 4, & x \geq 0 \end{cases}$



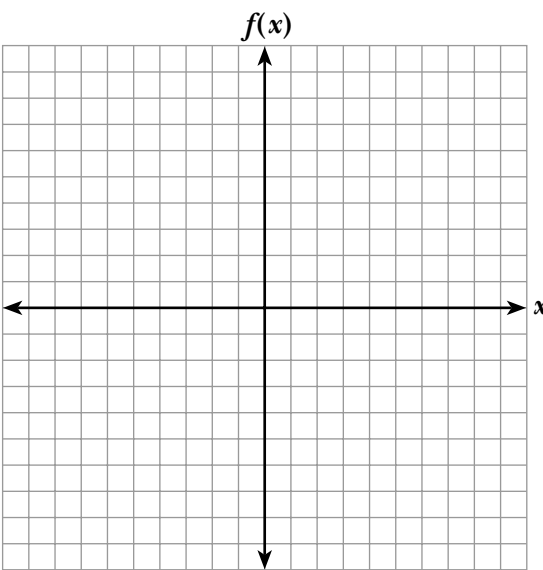
14. $f(x) = \begin{cases} x, & x \leq 0 \\ 3x, & x > 0 \end{cases}$



15. $f(x) = \begin{cases} x - 2, & x < 4 \\ 3x - 9, & x \geq 4 \end{cases}$



16. $f(x) = \begin{cases} -x, & x \leq -3 \\ 3, & -3 < x < 0 \\ x + 3, & x \geq 0 \end{cases}$



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