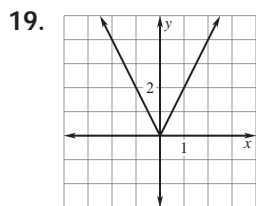
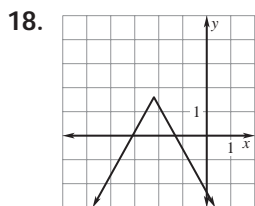
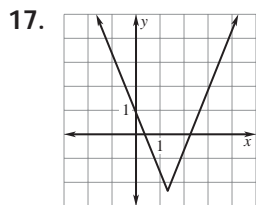
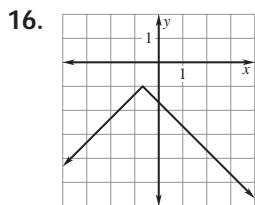
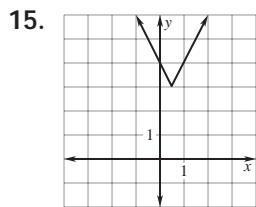
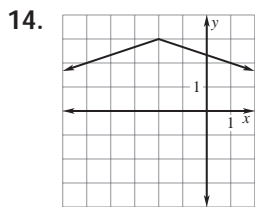
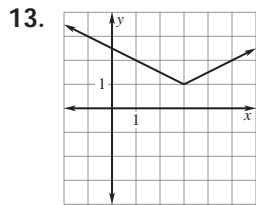
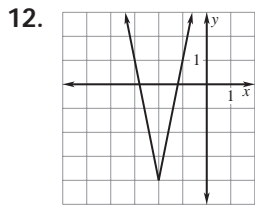
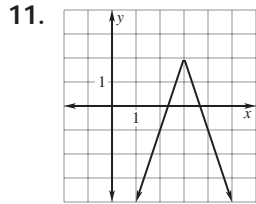
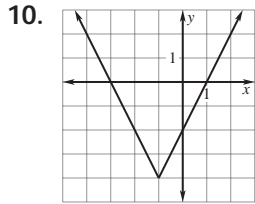


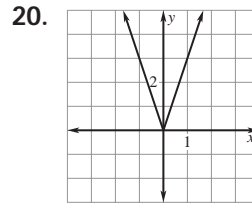
Answer Key

Practice C

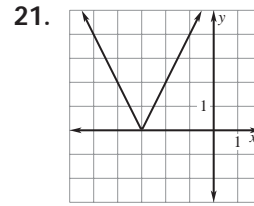
1. down 2. up 3. down 4. (2, 5)
 5. $(\frac{3}{8}, -1)$ 6. $(\frac{2}{3}, 6)$ 7. wider 8. wider
 9. narrower



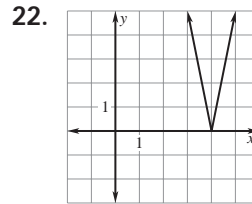
$$y = 2|x|$$



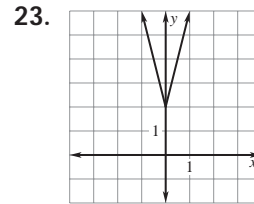
$$y = 3|x|$$



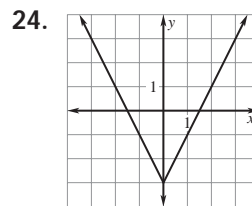
$$y = 2|x + 3|$$



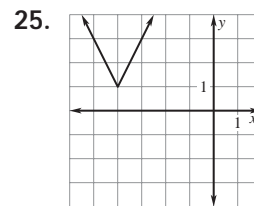
$$y = 5|x - 4|$$



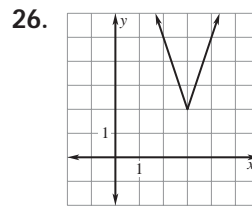
$$y = 4|x| + 2$$



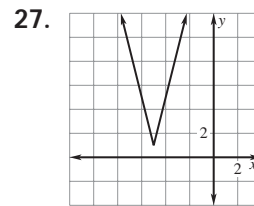
$$y = 2|x| - 3$$



$$y = 2|x + 4| + 1$$



$$y = 3|x - 3| + 2$$



$$y = 4|x + 5| + 1$$

$$28. f(x) = \begin{cases} -50|t - 2| + 200, & \text{if } 0 \leq t < 3 \\ -100|t - 5| + 350, & \text{if } 3 \leq t < 6 \\ -50|t - 9| + 400, & \text{if } 6 \leq t \leq 10 \end{cases}$$

$$29. f(x) = -1.2|x| + 450$$