

# Answer Key

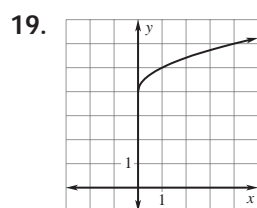
## Practice A

1. F 2. C 3. B 4. E 5. A 6. D

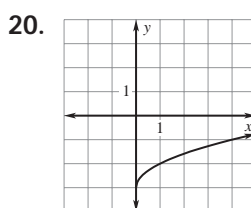
7. Shift the graph 3 units up. 8. Shift the graph 2 units down. 9. Reflect the graph across the  $x$ -axis. 10. Shift the graph 1 unit left.

11. Shift the graph 4 units right. 12. Stretch the graph vertically by a factor of 2. 13. Shift the graph 3 units down. 14. Shift the graph 2 units up. 15. Shift the graph 7 units left.

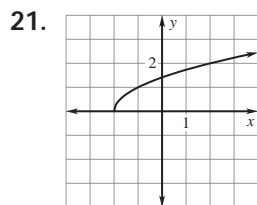
16. Shift the graph 5 units right. 17. Shrink the graph vertically by a factor of  $\frac{1}{2}$ . 18. Reflect the graph across the  $x$ -axis.



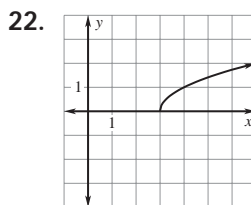
$$x \geq 0, y \geq 4$$



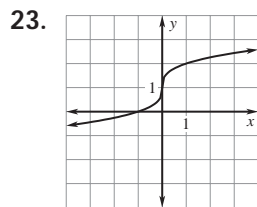
$$x \geq 0, y \geq -3$$



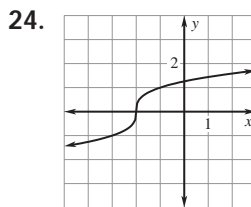
$$x \geq -2, y \geq 0$$



$$x \geq 3, y \geq 0$$

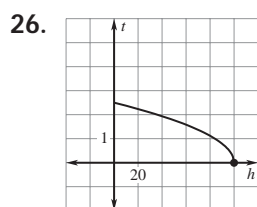


$x, y$  are all real numbers.



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25. Domain:  $0 \leq h \leq 100$ , Range:  $0 \leq t \leq 2.5$



27. 36 ft