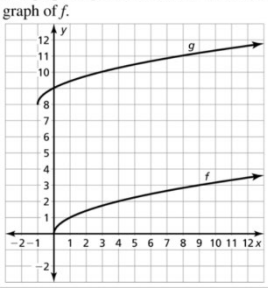
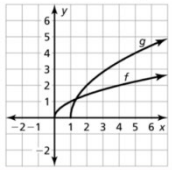
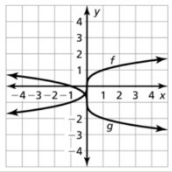
19. The graph of g is a translation 1 unit left and 8 units up of the graph of f.



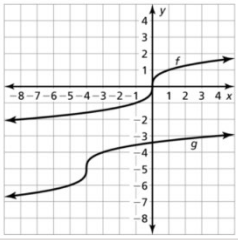
20. The graph of g is a vertical stretch by a factor of 2 followed by a translation 1 unit right of the graph of f.



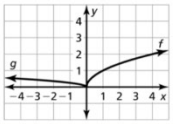
21. The graph of g is a reflection in the x-axis followed by a translation 1 unit down of the graph of f.



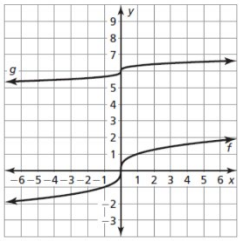
22. The graph of g is a translation 4 units left and 5 units down of the graph of f.



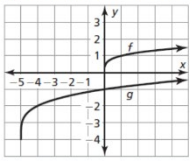
23. The graph of g is a vertical shrink by a factor of $\frac{1}{4}$ followed by a reflection in the y-axis of the graph of f.



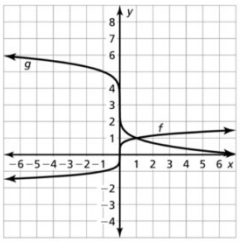
24. The graph of g is a vertical shrink by a factor of $\frac{1}{3}$ followed by a translation 6 units up of the graph of f.



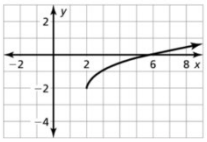
25. The graph of g is a vertical stretch by a factor of 2 followed by a translation 5 units left and 4 units down of the graph of f.



26. The graph of g is a horizontal shrink by a factor of $\frac{1}{32}$ followed by a reflection in the y-axis and a translation 3 units up of the graph of f.



27. The graph was translated 2 units left but it should be translated 2 units right.



28. The function is a horizontal stretch by a factor of 2, not a horizontal shrink by a factor of $\frac{1}{2}$; The graph of g is a horizontal stretch by a factor of 2 and a translation 3 units up of the parent square root function.

41. $g(x) = 2\sqrt{x} + 8$

42. $g(x) = 2\sqrt[3]{-x - 2}$

43. $g(x) = \sqrt{9x + 36}$

44. $g(x) = \frac{1}{2}\sqrt[4]{x - 5} - \frac{1}{2}$

45. $g(x) = 2\sqrt{x + 1}$

46. $g(x) = -\sqrt[3]{x - 2}$

47. $g(x) = 2\sqrt{x + 3}$

48. $g(x) = -\frac{1}{3}\sqrt{x - 1} + 9$

49. $g(x) = 2\sqrt{(x + 5)^2} - 2$

50. $g(x) = \frac{1}{4}\sqrt[3]{x^2 - 10x} + 6$