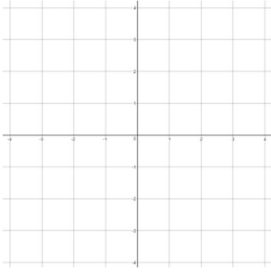
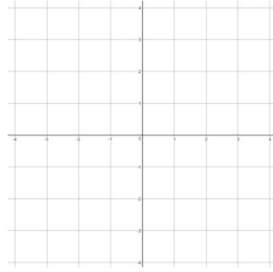


Graph the parent functions.

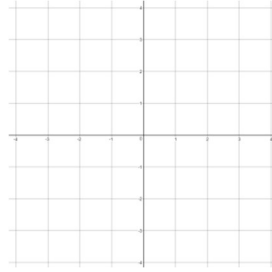
1.  $y = x$



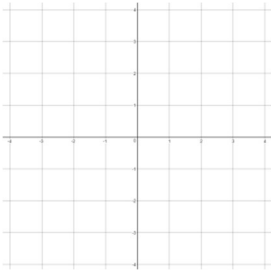
2.  $y = x^2$



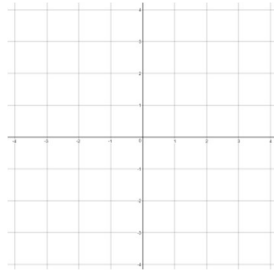
3.  $y = \sqrt{x}$



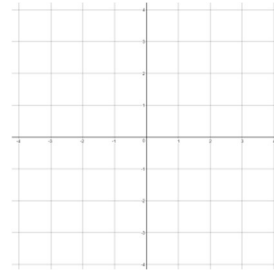
4.  $y = \log_2 x$



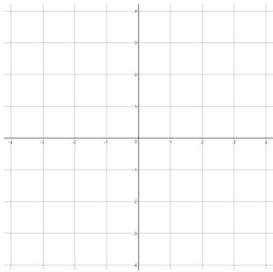
5.  $y = \log_{\frac{1}{2}} x$



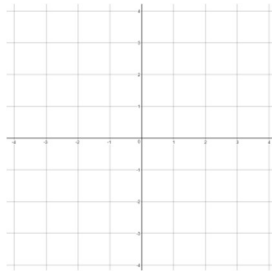
6.  $y = \sqrt[3]{x}$



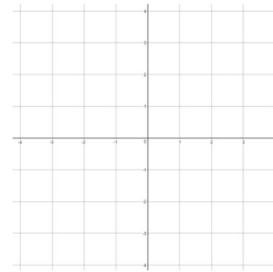
7.  $y = 2^x$



8.  $y = \left(\frac{1}{2}\right)^x$

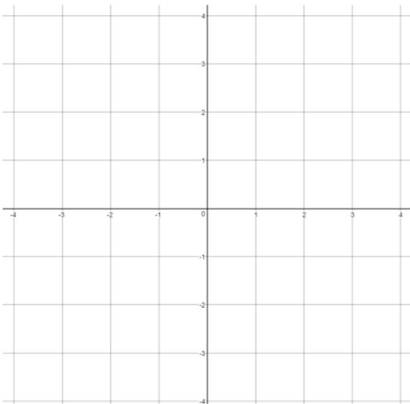


9.  $y = x^3$

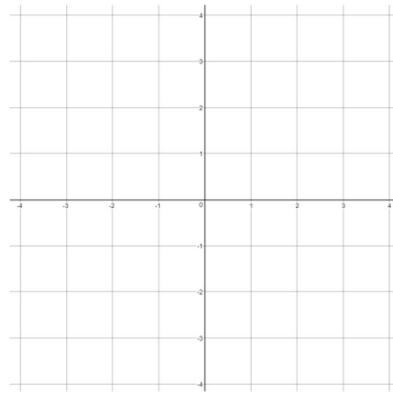


Graph the following functions.

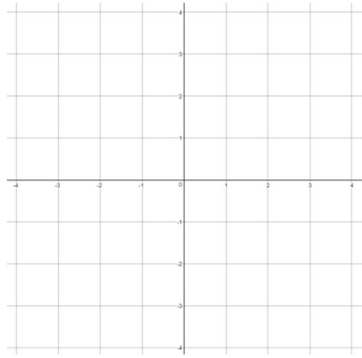
10.  $y = -3(x - 5)^2 - 1$



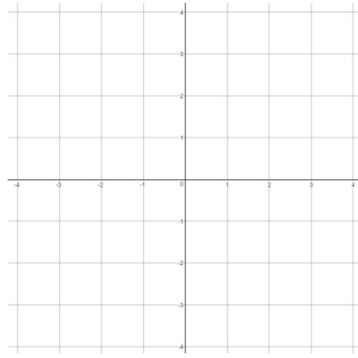
11.  $y = 2 \log_{\frac{7}{10}}(x - 1) + 3$



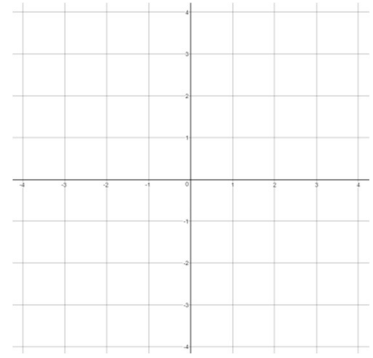
$$12. y = \sqrt[3]{x+1} - 3$$



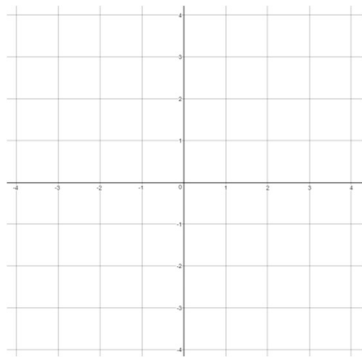
$$13. y = -2\left(\frac{1}{3}\right)^x + 7$$



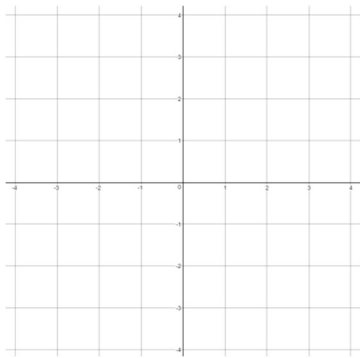
$$14. y = (x-4)^3 + 3$$



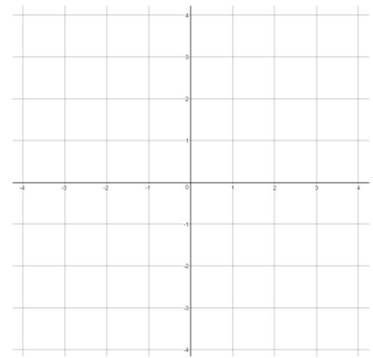
$$15. y = -\sqrt{x} - 1$$



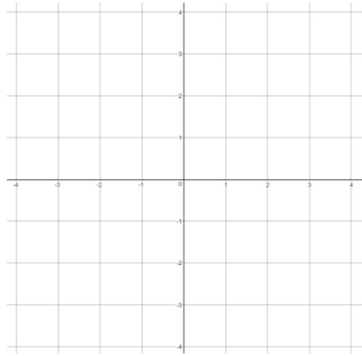
$$16. y = 3(2)^{x-1} - 2$$



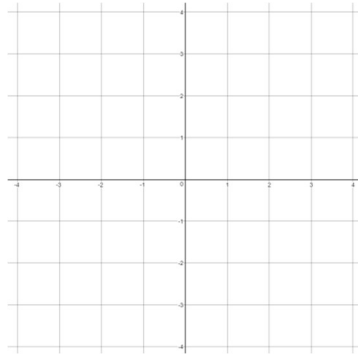
$$17. y = \frac{1}{2}\sqrt{x-3} - 5$$



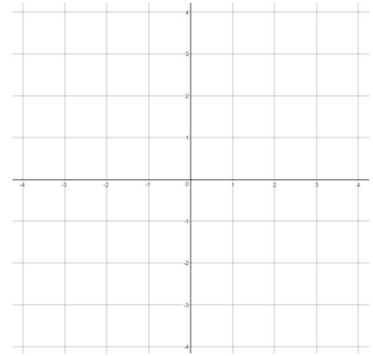
$$18. y = -4\log_2(x) - 1$$



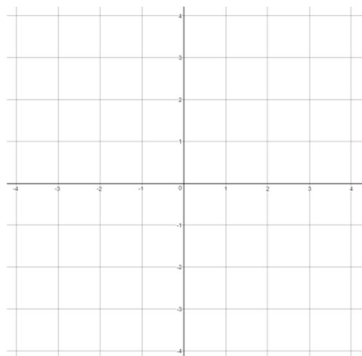
$$19. y = \frac{1}{4}(x+1)^2 + 5$$



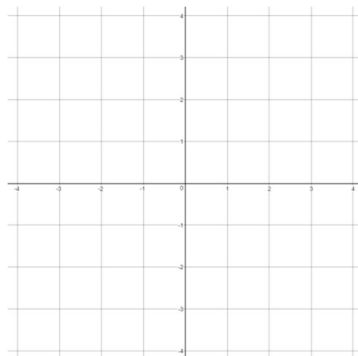
$$20. y = \frac{1}{3}\sqrt[3]{x} - 4$$



$$21. y = 5^{x+2}$$



$$22. y = -\frac{1}{5}(x+1)^3$$



$$23. y = \log_4(x+5) + 2$$

