

Answers to It's Fri-Yay! (ID: 1)

- 1) Parent: $f(x) = x^3$
2) Parent: $f(x) = x^2$
3) Parent: $f(x) = \sqrt{x}$
4) Parent: $f(x) = |x|$
5) Parent: $f(x) = x^3$
6) Parent: $f(x) = \sqrt{x}$
7) translate right 2 units
8) reflect across the x-axis
9) compress vertically by a factor of 3
10) compress horizontally by a factor of 2
11) $g(x) = -\sqrt{x+2} + 3$
12) $g(x) = (3(x-2))^2$
13) $g(x) = -|x| - 2$
14) $g(x) = \frac{1}{3} \cdot |x| - 3$
15) $g(x) = \frac{1}{x-1} + 2$
16) $g(x) = -\frac{1}{2x}$
17) $g(x) = 3|x+3|$
18) $g(x) = \sqrt{3(x+3)} + 3$
19) $g(x) = (x-2)^3 + 3$
20) $g(x) = (x-1)^2 + 1$
21) $g(x) = -|x| + 3$
22) $g(x) = -|2x|$
23) $g(x) = -x^3 - 1$
24) $g(x) = -(2x)^2$
25) $g(x) = \frac{x}{3} - 3$
26) $g(x) = -2|x|$