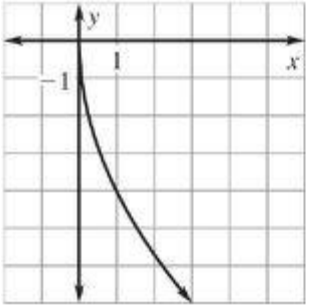
3. $y = -4\sqrt{x}$

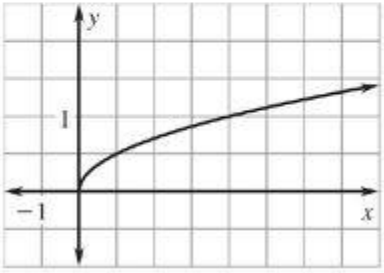
x	0	1	2	3	4
y	0	−4	−5.66	−6.93	−8



The domain is $x \geq 0$ and the range is $y \leq 0$.

4. $f(x) = \frac{1}{2}\sqrt{x}$

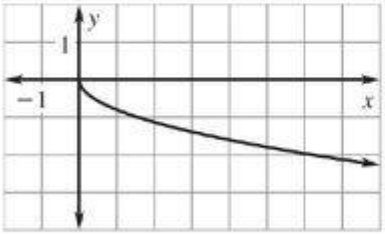
x	0	1	2	3	4
$f(x)$	0	0.5	0.71	0.87	1



The domain is $x \geq 0$ and the range is $f(x) \geq 0$.

5. $y = -\frac{4}{5}\sqrt{x}$

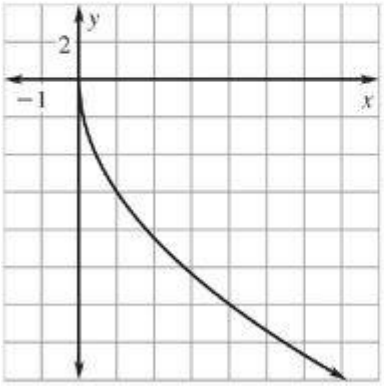
x	0	1	2	3	4
y	0	−0.8	−1.13	−1.39	−1.6



The domain is $x \geq 0$ and the range is $y \leq 0$.

6. $y = -6\sqrt{x}$

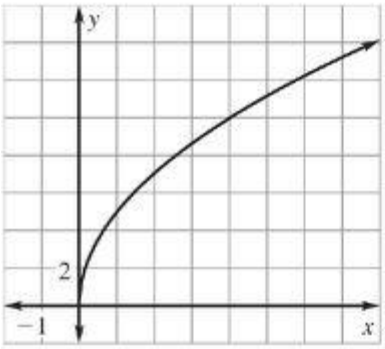
x	0	1	2	3	4
y	0	−6	−8.49	−10.39	−12



The domain is $x \geq 0$ and the range is $y \leq 0$.

7. $y = 5\sqrt{x}$

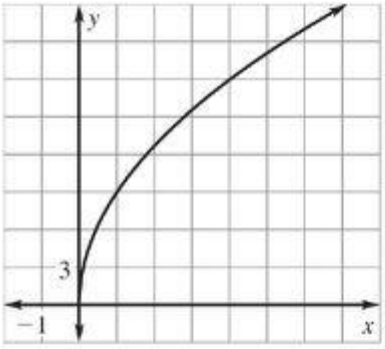
x	0	1	2	3	4
y	0	5	7.07	8.66	10



The domain is $x \geq 0$ and the range is $y \geq 0$.

8. $g(x) = 9\sqrt{x}$

x	0	1	2	3	4
$g(x)$	0	9	12.73	15.59	18



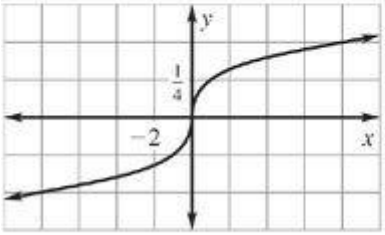
The domain is $x \geq$ and the range is $g(x) \geq 0$.

9. D;
$y = -\frac{3}{2}\sqrt{x}$

x	0	1	2	3	4
y	0	−1.5	−2.12	−2.6	−3

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

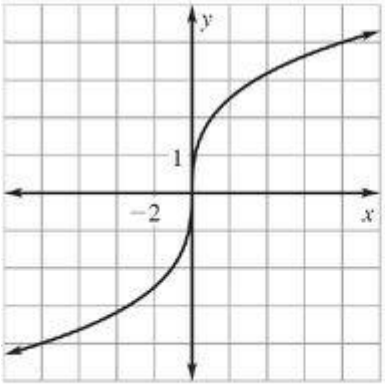
x	−2	−1	0	1	2
y	−0.32	−0.25	0	0.25	0.31



The domain and range are all real numbers.

11. $y = 2\sqrt[3]{x}$

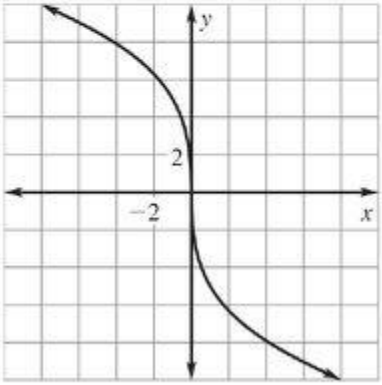
x	−2	−1	0	1	2
y	−2.52	−2	0	2	2.52



The domain and range are all real numbers.

12. $f(x) = -5\sqrt[3]{x}$

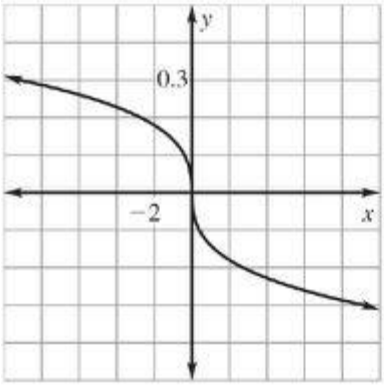
x	-2	-1	0	1	2
$f(x)$	6.3	5	0	-5	-6.3



The domain and range are all real numbers.

13. $h(x) = -\frac{1}{7}\sqrt[3]{x}$

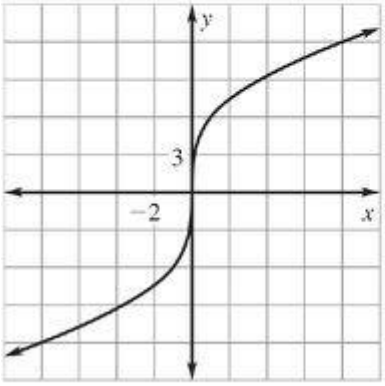
x	-2	-1	0	1	2
$h(x)$	0.18	0.14	0	-0.14	-0.18



The domain and range are all real numbers.

14. $g(x) = 6\sqrt[3]{x}$

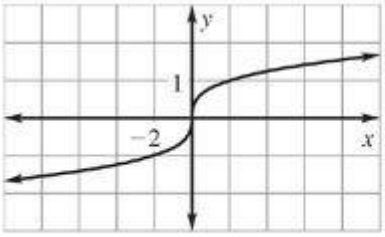
x	-2	-1	0	1	2
$g(x)$	-7.56	-6	0	6	7.56



The domain and range are all real numbers.

15. $y = \frac{7}{9}\sqrt[3]{x}$

x	-2	-1	0	1	2
$h(x)$	-0.98	-0.78	0	0.78	0.98



The domain and range are all real numbers.