



Domain and Range of Function

Find the domain and range of the functions.

1) $x^3 - 4$
Domain: _____
Range: _____

8) $8x^3 + 2x$
Domain: _____
Range: _____

2) $\sqrt{x - 8} + 4$
Domain: _____
Range: _____

9) $\sqrt{x + 2} - 6$
Domain: _____
Range: _____

3) $\frac{2}{2x-1}$
Domain: _____
Range: _____

10) $\frac{x^2}{3x+2}$
Domain: _____
Range: _____

4) $-2x^3 + 6$
Domain: _____
Range: _____

11) $-2x^2 + 4x + 8$
Domain: _____
Range: _____

5) $x^2 + 3x$
Domain: _____
Range: _____

12) $\sqrt{3x^2 + 5} - 2$
Domain: _____
Range: _____

6) $\frac{x}{x+2}$
Domain: _____
Range: _____

13) $-6x^3 + 5x^2 - 4$
Domain: _____
Range: _____

7) $-2(x + 1)^2 + 5$
Domain: _____
Range: _____

14) $\frac{3x^3}{2x-1}$
Domain: _____
Range: _____