

# Domain and Range

Write the range of each function for the given domain.

1)  $f(x) = 4 + 8x$

Domain =  $\left\{-\frac{5}{3}, -\frac{1}{2}, \frac{1}{6}\right\}$

2)  $f(x) = 6x^4 + \frac{1}{3}x^2 + x + 5$


Domain =  $\left\{-1, 0, \frac{1}{3}, \frac{2}{3}, 1, 3\right\}$

3)  $f(x)$   
Do

5)  $f(x)$   
Do

## Preview

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Range : \_\_\_\_\_

Range : \_\_\_\_\_

7)  $f(x) = \sqrt{-x^5 + x^3 + x^2}$

Domain =  $\{-5, -3, -1, 1\}$

8)  $f(x) = (-x - 5)^2 + 8x$

Domain =  $\{-20, -19, -18, 9, 10, 11\}$

Range : \_\_\_\_\_

Range : \_\_\_\_\_