

Domain and Range

Write the range of each function for the given domain.

1) $f(x) = -\frac{3}{4}x + 12$

Domain = $\{-8, -4, 0, 16, 12\}$

2) $f(x) = x$

Domain = $\{-10, -9, -5, -2, 0, 2\}$

3) $f(x) = x^2 - 4x + 4$
Domain = $\{-2, 0, 2, 4, 6, 8, 10, 12\}$

4) $f(x) = x^2 - 2x + 1$
Domain = $\{-1, 1, 3, 5, 7, 9, 11, 13\}$

5) $f(x) = x^2 - 4x + 4$
Domain = $\{-2, 0, 2, 4, 6, 8, 10, 12\}$

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Range: _____

Range: _____

7) $f(x) = x + 7$

Domain = $\{-20, -8, -6, 1, 7\}$

8) $f(x) = 3 - \frac{x}{3}$

Domain = $\{3, 6, 9\}$

Range: _____

Range: _____