

Name : _____

Domain and Range - Function

L1S2

Write the range of each function for the given domain.

1) $f(x) = -x - 16$; Domain = $\{-19, -15, 0, 14, 19\}$

2) $f(x) = -7 + 5x$; Domain = $\{-17, -10, -1\}$

Range : _____

Range : _____

3) $f(x) = \frac{-1 - 2x}{7}$; Domain = $\{-11, -4, 10, 17\}$

4) $f(x) = -\frac{5}{6}x - 20$; Domain = $\{-18, -12, 0, 6, 12\}$

Range : _____

Range : _____

5) $f(x) = -6x + 45$; Domain = $\{-3, 0, 5, 7\}$

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7) $f(x) = 4x - 5$; Domain = $\{-14, 4, 13\}$

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9) $f(x) = 3 - \frac{x}{3}$; Domain = $\{3, 9, 15\}$

10) $f(x) = x + 8$; Domain = $\{-20, -8, -7, 1, 8\}$

Range : _____

Range : _____

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Domain and Range - Function

Write the range of each function for the given domain.

1) $f(x) = -x - 16$; Domain = $\{-19, -15, 0, 14, 19\}$

2) $f(x) = -7 + 5x$; Domain = $\{-17, -10, -1\}$

Range : **{3, -1, -16, -30, -35}**

Range : **{-92, -57, -12}**

3) $f(x) = \frac{-1-2x}{7}$; Domain = $\{-11, -4, 10, 17\}$

4) $f(x) = -\frac{5}{6}x - 20$; Domain = $\{-18, -12, 0, 6, 12\}$

Range : **{3, 1, -1}**

 0, -20, -25, -30}

5) $f(x) = -6x + 45$; Domain = $\{-3, 0, 5, 7\}$

ain = $\{-3, 0, 5, 7\}$

Range : **{99, 81, 57, 45}**

 4, -3, 32, 46}

7) $f(x) = 4x - 5$; Domain = $\{-14, 4, 13\}$

nain = $\{-14, 4, 13\}$

Range : **{-69, -57, -25, 3, 39, 75}**

Range : **{2, 4, 5}**

9) $f(x) = 3 - \frac{x}{3}$; Domain = $\{3, 9, 15\}$

10) $f(x) = x + 8$; Domain = $\{-20, -8, -7, 1, 8\}$

Range : **{2, 0, -2}**

Range : **{-12, 0, 1, 9, 16}**

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