

Name _____



Date _____

Relations and Functions

(Answer ID # 1042536)

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|---|---|--|
| 1. $f(x) = -6x + 15x^2 - 15$ find $f(-12)$ | 2. $f(x) = -11x + 2x^2 - 11$ find $f(1)$ | 3. $f(x) = \frac{-11x^2 - 21x + 14}{10}$ find $f(12)$ |
| 4. $f(x) = -7x^2 - 12x + 15x^4$ find $f(-2)$ | 5. $f(x) = 8 + 14x^2 + 4x$ find $f(-5)$ | 6. $f(x) = \frac{-14 + 10x}{-26 + 2x}$ find $f(-9)$ |
| 7. $f(x) = \frac{-7x + 5}{-4 + 7x}$ find $f(-5)$ | 8. $f(x) = 4x^2 + 5x - 7$ find $f(-5)$ | 9. $f(x) = \frac{12}{5 + 24x}$ find $f(7)$ |
| 10. $f(x) = -5x^2 - 15x + 7$ find $f(3)$ | 11. $f(x) = \frac{-9x + 3}{-11 - x}$ find $f(-5)$ | 12. $f(x) = \frac{-12 - 15x}{-9x - 15}$ find $f(-9)$ |
| 13. $f(x) = 7x - 21x^2 + 15$ find $f(-6)$ | 14. $f(x) = \frac{14x + 11}{4x - 6x^2 + 5}$ find $f(-6)$ | 15. $f(x) = 5x^4 - 13x^2$ find $f(10)$ |

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Relations and Functions

(Answer ID # 1017578)

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| <p>1. $f(x) = -6x + 15x^2 - 15$ find $f(-12)$</p> <p style="text-align: center; color: red; font-weight: bold; font-size: 1.2em;">2,217</p> | <p>2. $f(x) = -11x + 2x^2 - 11$ find $f(1)$</p> <p style="text-align: center; color: red; font-weight: bold; font-size: 1.2em;">-20</p> | <p>3. $f(x) = \frac{-11x^2 - 21x + 14}{10}$</p> <p>find $f(12)$</p> <p style="text-align: center; color: red; font-weight: bold; font-size: 1.2em;"> $f(x) = \frac{-1,822}{10} = \frac{165}{7/11} + 14$ </p> |
| <p>4. $f(x) = -7x^2 - 12x + 15x^4$ find $f(-2)$</p> <p style="text-align: center; color: red; font-weight: bold; font-size: 1.2em;">236</p> | <p>5. $f(x) = 8 + 14x^2 + 4x$ find $f(-5)$</p> <p style="text-align: center; color: red; font-weight: bold; font-size: 1.2em;">338</p> | <p>6. $f(x) = \frac{-14 + 10x}{-26 + 2x}$</p> <p>find $f(-9)$</p> <p style="text-align: center; color: red; font-weight: bold; font-size: 1.2em;"> $f(x) = \frac{-104}{-44} = 2 \frac{4}{11}$ </p> |
| <p>7. $f(x) = \frac{-7x + 5}{-4 + 7x}$</p> <p>find $f(-5)$</p> <p style="text-align: center; color: red; font-weight: bold; font-size: 1.2em;"> $f(x) = \frac{40}{-39} = -1 \frac{1}{39}$ </p> | <p>8. $f(x) = 4x^2 + 5x - 7$ find $f(-5)$</p> <p style="text-align: center; color: red; font-weight: bold; font-size: 1.2em;">68</p> | <p>9. $f(x) = \frac{12}{5 + 24x}$</p> <p>find $f(7)$</p> <p style="text-align: center; color: red; font-weight: bold; font-size: 1.2em;"> $f(x) = \frac{12}{173} = 12/173$ </p> |

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| <p>10. $f(x) = -5x^2 - 15x + 7$ find $f(3)$</p> <p>-83</p> | <p>11. $f(x) = \frac{-9x + 3}{-11 - x}$</p> <p>find $f(-5)$</p> <p>$f(x) = \frac{48}{-6} = -8$</p> | <p>12. $f(x) = \frac{-12 - 15x}{-9x - 15}$</p> <p>find $f(-9)$</p> <p>$f(x) = \frac{123}{66} = 1 \frac{19}{22}$</p> |
| <p>13. $f(x) = 7x - 21x^2 + 15$ find $f(-6)$</p> <p>-783</p> | <p>14. $f(x) = \frac{14x + 11}{4x - 6x^2 + 5}$</p> <p>find $f(-6)$</p> <p>$f(x) = \frac{-73}{-235} = 73/235$</p> | <p>15. $f(x) = 5x^4 - 13x^2$ find $f(10)$</p> <p>48,700</p> |