**Taller de funciones cubicas**

**Reemplace cada valor de x en la función y complete cada una de las tablas dadas a continuación.**

**f(x)=(x+1)/(2x2-x-1)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| x | -3 | -1 | -1/2 | 0 | 1/2 | 1 | 3 |
| F(x) |  |  |  |  |  |  |  |

**f(x)=(x3+x2)/(2x2+x)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| x | -3 | -1 | -1/2 | 0 | 1/2 | 1 | 3 |
| F(x) |  |  |  |  |  |  |  |

**f(x)=(x2-2x+2)/(x-1)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| x | -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| F(x) |  |  |  |  |  |  |  |

**f(x)= x/(x-2)2**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| x | -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| F(x) |  |  |  |  |  |  |  |

f(x)=(2x+9)/(x²)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| x | -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| F(x) |  |  |  |  |  |  |  |

 y = -1 / ( x – 3 )

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| x | -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| F(x) |  |  |  |  |  |  |  |

F(x)= (x² - 3x – 2)/ (x² - 4 )

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| x | -3 | -2 | -1 | 0 | 1 | 2 | 3 |
| F(x) |  |  |  |  |  |  |  |

F(x) = ( x³ - 2x ) / 2 ( x² - 16 )

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| x | -4 | -2 | -1 | 0 | 1 | 2 | 4 |
| F(x) |  |  |  |  |  |  |  |