1.

|  |  |
| --- | --- |
| $$Starting Line$$ |  |

2.

|  |  |
| --- | --- |
| $$f\left(x\right)=\frac{1}{4}(x+2)^{2}(x-2)^{2}$$ |  |

3.

|  |  |
| --- | --- |
| $$f\left(x\right)=-x^{2}(x+2)^{2}(x-2)$$ |  |

4.

|  |  |
| --- | --- |
| $$f\left(x\right)=-\left(x+1\right)^{2}(x-2)$$ |  |

5.

|  |  |
| --- | --- |
| $$f\left(x\right)=x(x+1)(x-2)$$ |  |

6.

|  |  |
| --- | --- |
| $$f\left(x\right)=-\frac{1}{2}(x+1)(x-1)(x-2)$$ |  |

7.

|  |  |
| --- | --- |
| $$f\left(x\right)=-x^{3}+2x^{2}+x-2$$ |  |

8.

|  |  |
| --- | --- |
| $$f\left(x\right)=x^{4}+2x^{3}-4x^{2}-8x$$ |  |

9.

|  |  |
| --- | --- |
| $$f\left(x\right)=-x^{4}+x^{2}$$ |  |

10.

|  |  |
| --- | --- |
| $$f\left(x\right)=x^{4}-2x^{2}+1$$ |  |

11.

|  |  |
| --- | --- |
| $$f\left(x\right)=-2x^{3}+6x+4$$ |  |

12.

|  |  |
| --- | --- |
| $$f\left(x\right)=x^{3}-3x^{2}+4$$ |  |

13.

|  |  |
| --- | --- |
| $$f\left(x\right)=x^{3}-2x^{2}-4x+8$$ |  |

14.

|  |  |
| --- | --- |
| $f\left(x\right)=-x^{3}-x^{2}+x+1$  |  |

15.

|  |  |
| --- | --- |
| $$f\left(x\right)=-x^{3}-x^{2}$$ |  |

16.

|  |  |
| --- | --- |
| $$f\left(x\right)=x^{3}-x$$ |  |

17.

|  |  |
| --- | --- |
| $$f\left(x\right)=-x^{3}-2x^{2}-x$$ |  |

18.

|  |  |
| --- | --- |
| $$f\left(x\right)=x^{4}-2x^{3}+2x-1$$ |  |

|  |  |
| --- | --- |
| $$f\left(x\right)=-x(x+2)(x-2)^{2}$$ | $$Finish Line$$ |