Graph	Description	Equation
G1	D_____	E_____
G2	D_____	E_____
G3	D_____	E_____
G4	D_____	E_____
G5	D_____	E_____
G6	D_____	E_____
G7	D_____	E_____
G8	D_____	E_____
G9	D_____	E_____
G10	D_____	E_____
G11	D_____	E_____
G12	D_____	E_____

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G7	D_____	E_____
G8	D_____	E_____
G9	D_____	E_____
G10	D_____	E_____
G11	D_____	E_____
G12	D_____	E_____

D1. The graph has a triple root at x = -3, a single root at x = 0, and a double root at x = 1

D2. The graph has single roots at x = -5, x = 0, and x = 3

D3. The graph has double roots at x = -3, x = 0.5, and x = 3

D4. The graph has single roots at x = -1.5 and x = 2 and a triple root at x = 0.

D5. The graph has a single root at x = 0, a double root at x = 5, and a triple root at x = 2.

D6. The graph has single roots at x = -6 and x = -2. The graph has a double root at x = 5.

D7. The graph has double roots at x = 2 and x = 5. There is a single root at x = 1.

D8. The graph only has triple roots.

D9. The graph has two double roots and no other types of roots.

D10. The graph has single roots at x = -3 and x = 2.

D11. The graph has single roots at x = -3, x = 1, and x = 2.

D12. The graph has four roots. One root is a single root while the other roots are not.

E1.
$(x + 3)^2(x - .5)^2(x - 3)^2$

E2.
$(x + 3)^3(x - 2)^3$

E3.
$x(x - 2)^3(x - 5)^2$

E4.
$x(x + 2)^2(x - 2)^3(x - 5)^2$

E5.
$(x + 3)(x - 2)$

E6.
$(x - 1)(x - 2)^2(x - 5)^2$

E7.
$x(x + 5)(x - 3)$

E8.
$x^3(x + 1.5)(x - 2)$

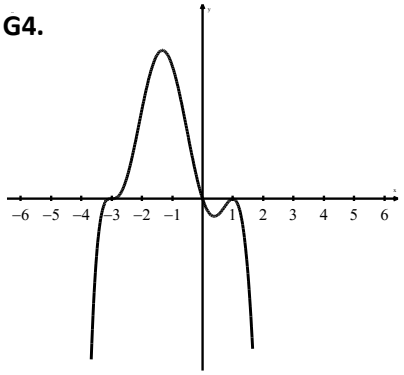
E9.
$(x + 3)(x - 1)(x - 2)$

E10.
$x(x + 3)^3(x - 1)^2$

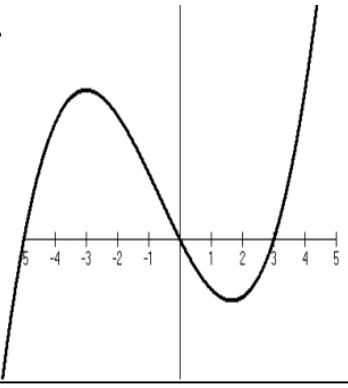
E11.
$(x + 6)(x + 2)(x - 5)^2$

E12.
$(x + 3)^2(x - 2)^2$

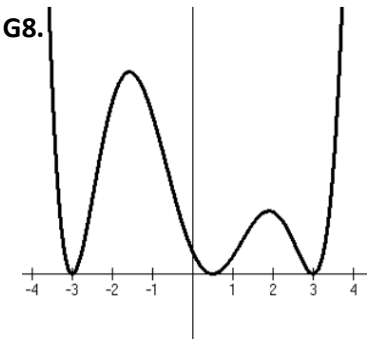
G4.



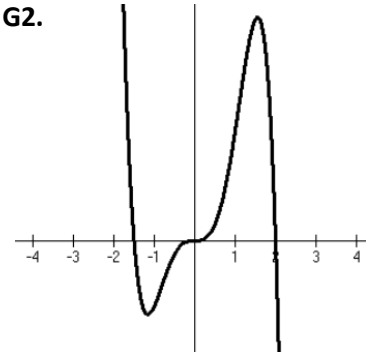
G1.



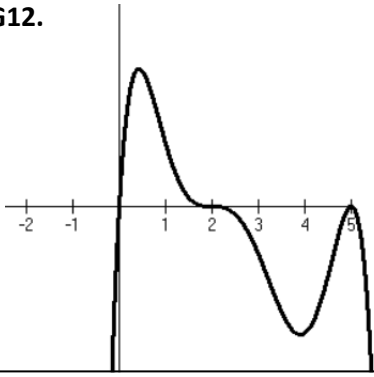
G8.



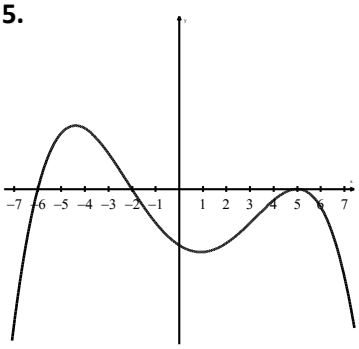
G2.



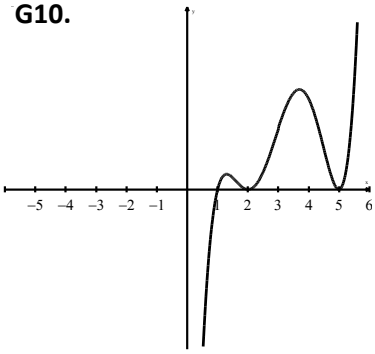
G12.



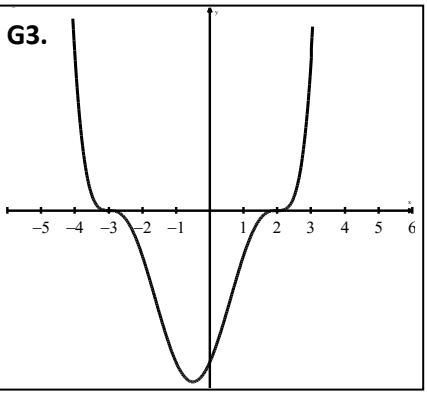
G5.



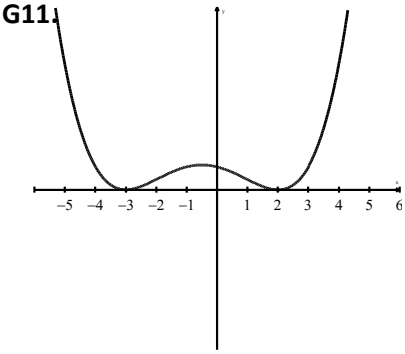
G10.



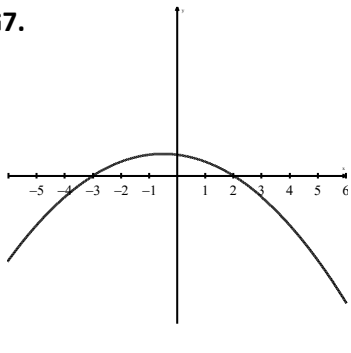
G3.



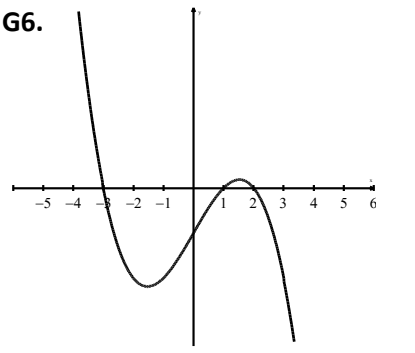
G11.



G7.



G6.



G9.