Moderate Functions

Cubic

Cubic X-Axis Intercepts

1. $x - intercepts \ x^3$

2. $x - intercepts \ 2x^3$

3. $x - intercepts \ -x^3$

4. $x - intercepts \ f(x) = (x - 2)^3$

5. $x - intercepts \ f(x) = (x - 1)^3$

6. $x - intercepts \ 4x^3$

7. $x - intercepts \ 9x^3$

8. $x - intercepts \ f(x) = (2x - 1)^3$

9. $x - intercepts \ f(x) = (2x - 2)^3$

10. $x - intercepts \ f(x) = x^3 + 1$

Answers

Moderate Functions

Cubic

Cubic X-Axis Intercepts

1. $\left(0,0\right)$

2. $\left(0,0\right)$

3. $\left(0,0\right)$

4. $\left(2,0\right)$

5. $\left(1,0\right)$

6. $\left(0,0\right)$

7. $\left(0,0\right)$

8. $\left(\dfrac{1}{2},0\right)$

9. $\left(1,0\right)$

10. $\left(-1,0\right)$