

1. Find the zeros, domain, and End Behavior $y = \sqrt{x^4 - 14x^2 + 45}$ on $x \in [-4, 5]$

zeros _____

domain _____

Left End Behavior _____

Right End Behavior _____

2. Extreme points of $y = \sqrt{x^4 - 14x^2 + 45}$ on $x \in [-4, 5]$

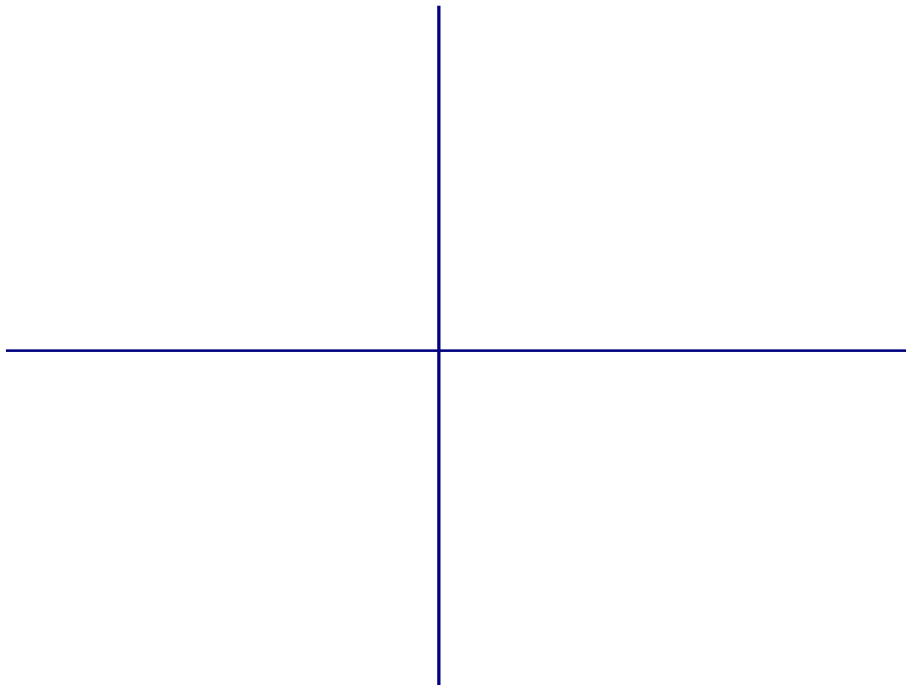
3. Find the traits and **sketch** of $y = \sqrt{x^4 - 14x^2 + 45}$ on $x \in [-4, 5]$.

Domain:

Range:

Y – Int:

Zeros:



4. Find the zeros, domain, and End Behavior $y = -\sqrt{\frac{x^2 - 25}{x^2 - 9}}$.

zeros _____

domain _____

Left End Behavior _____

Right End Behavior _____

5. Extreme points of $y = -\sqrt{\frac{x^2 - 25}{x^2 - 9}}$.

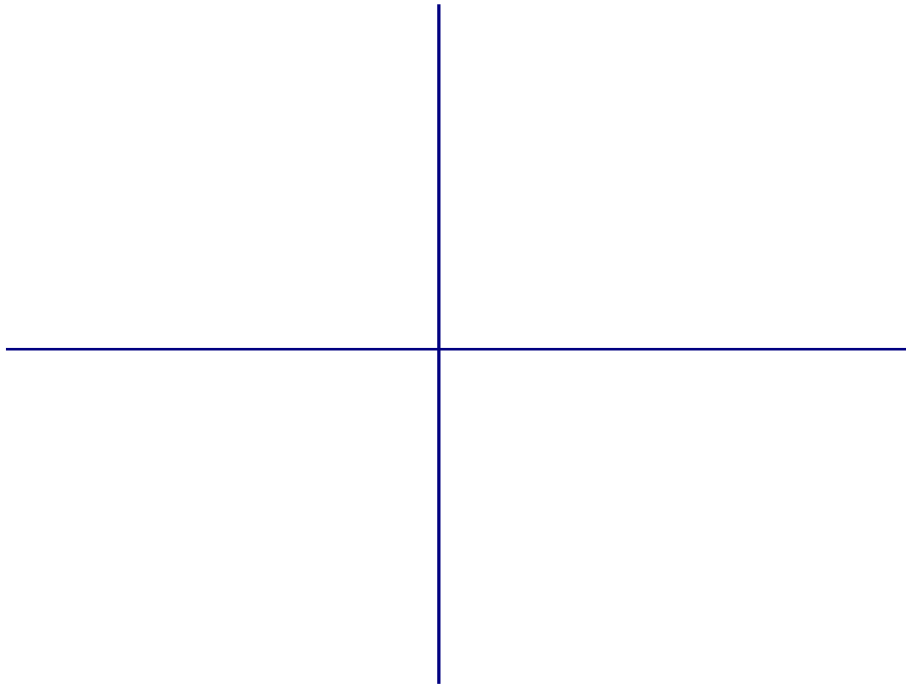
6. Find the traits and **sketch** of $y = -\sqrt{\frac{x^2 - 25}{x^2 - 9}}$.

Domain:

Range:

Y – Int:

Zeros:



1. Find the zeros, domain, and End Behavior $y = -\sqrt{x^3 - x^2 - 5x + 5}$ on $x \in [-6, 6]$

zeros _____

domain _____

Left End Behavior _____

Right End Behavior _____

2. Extreme points of $y = -\sqrt{x^3 - x^2 - 5x + 5}$ on $x \in [-6, 6]$

3. Find the traits and **sketch** of $y = -\sqrt{x^3 - x^2 - 5x + 5}$ on $x \in [-6, 6]$

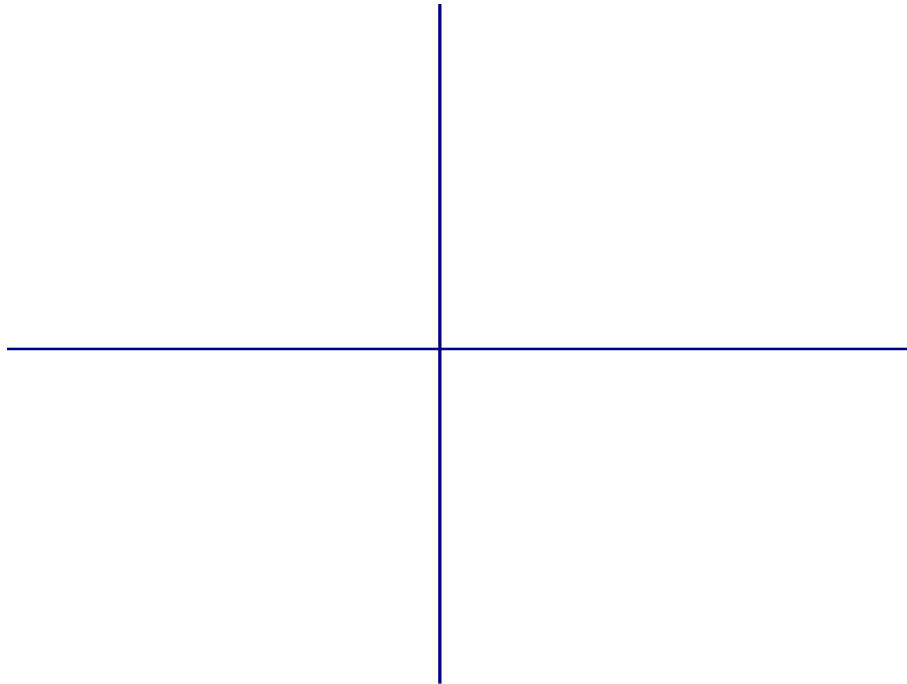
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Domain:

Range:

Y-Int:

Zeros:



4. Find the zeros, domain, and End Behavior $y = \sqrt{\frac{x^2 - 9}{x^2 - 16}}$.

zeros _____

domain _____

Left End Behavior _____

Right End Behavior _____

5. Extreme points of $y = \sqrt{\frac{x^2 - 9}{x^2 - 16}}$.

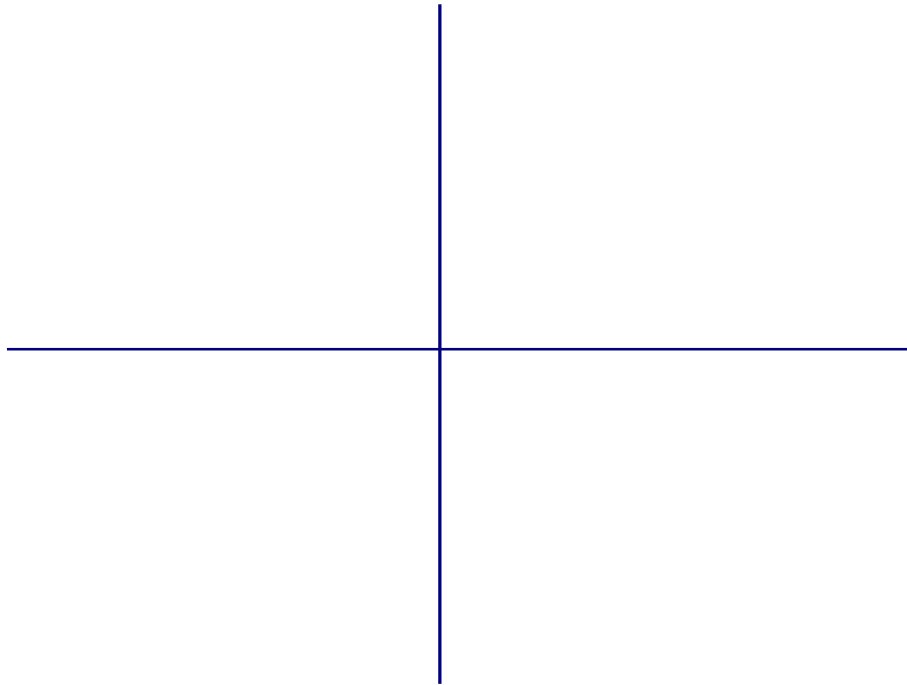
6. Find the traits and **sketch** of $y = \sqrt{\frac{x^2 - 9}{x^2 - 16}}$.

Domain:

Range:

Y – Int:

Zeros:



1. Find the zeros, domain, and End Behavior $y = -\sqrt{-x^3 + 16x}$.

zeros _____

domain _____

Left End Behavior _____

Right End Behavior _____

2. Extreme points of $y = -\sqrt{-x^3 + 16x}$.

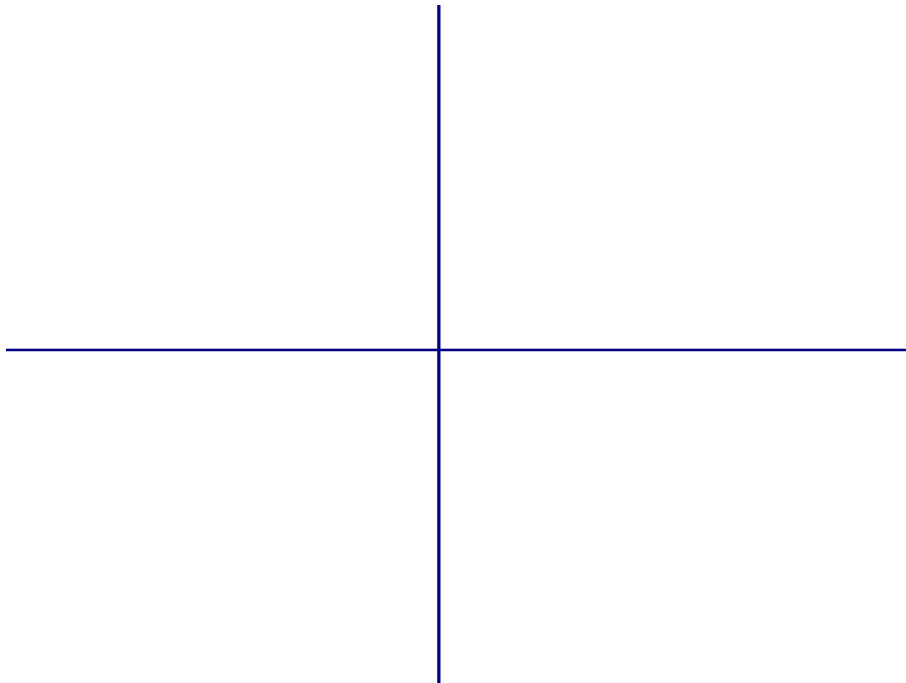
3. Find the traits and **sketch** of $y = -\sqrt{-x^3 + 16x}$.

Domain:

Range:

Y-Int:

Zeros:



4. Find the zeros, domain, and End Behavior $y = \sqrt{\frac{-9x}{x^2+16}}$ on $x \geq -5$.

zeros _____

domain _____

Left End Behavior _____

Right End Behavior _____

5. Extreme points of $y = \sqrt{\frac{-9x}{x^2+16}}$ on $x \geq -5$.

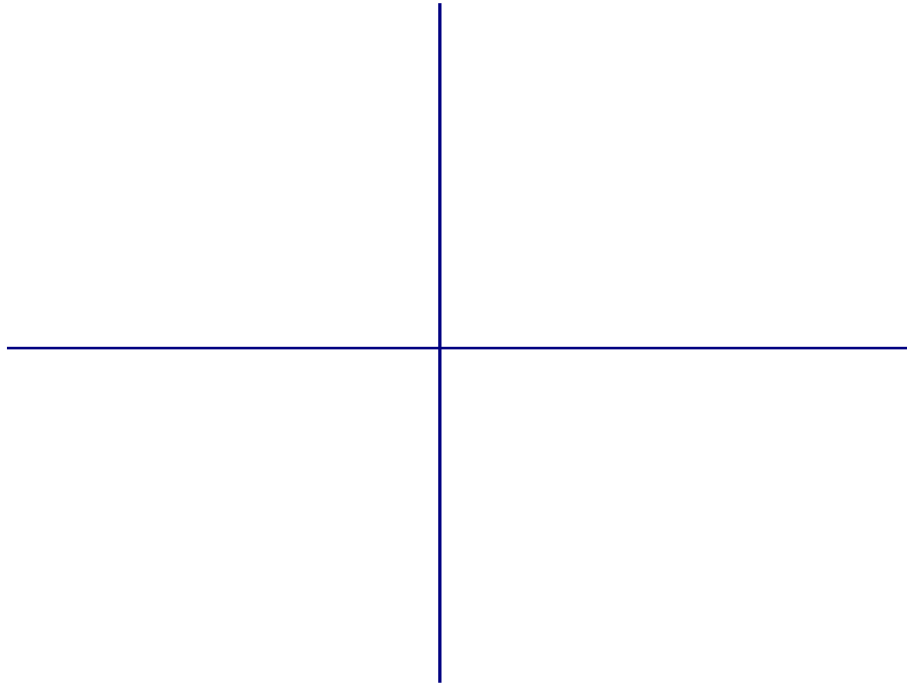
6. Find the traits and **sketch** of $y = \sqrt{\frac{-9x}{x^2+16}}$ on $x \geq -5$.

Domain:

Range:

Y-Int:

Zeros:



1. Find the zeros, domain, and End Behavior $y = \sqrt{-x^4 + x^2 - 9}$.

zeros _____

domain _____

Left End Behavior _____

Right End Behavior _____

2. Extreme points of $y = \sqrt{-x^4 + x^2 - 9}$.

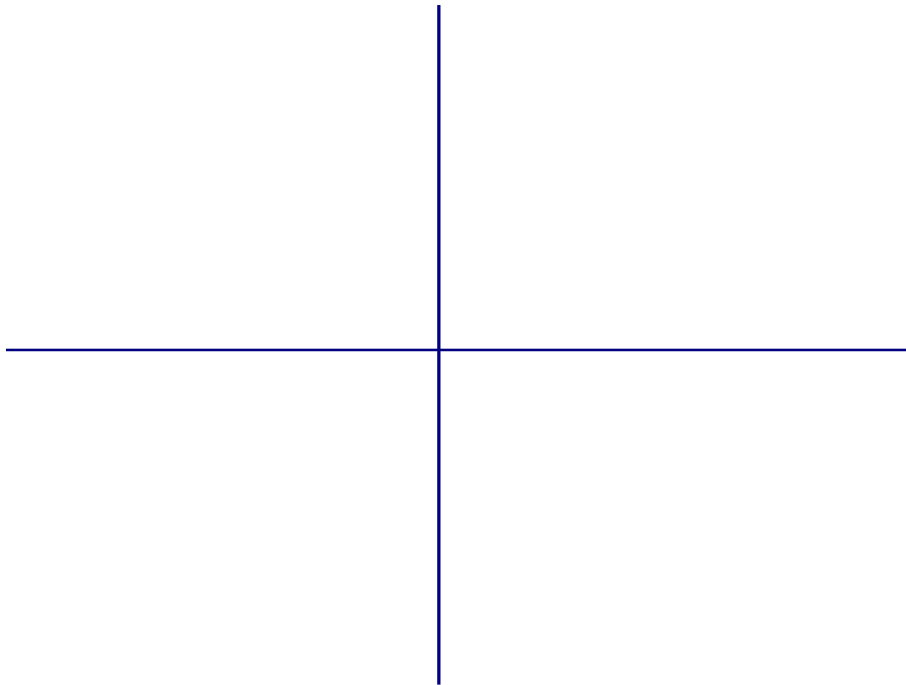
3. Find the traits and **sketch** of $y = \sqrt{-x^4 + x^2 - 9}$.

Domain:

Range:

Y-Int:

Zeros:



4. Find the zeros, domain, and End Behavior $y = \sqrt{\frac{4x}{x^2+9}}$

zeros _____

domain _____

Left End Behavior _____

Right End Behavior _____

5. Extreme points of $y = \sqrt{\frac{4x}{x^2+9}}$.

6. Find the traits and **sketch** of $y = \sqrt{\frac{4x}{x^2+9}}$.

Domain:

Range:

Y – Int:

Zeros:

