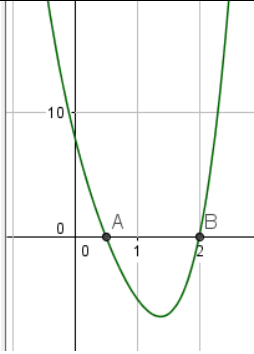
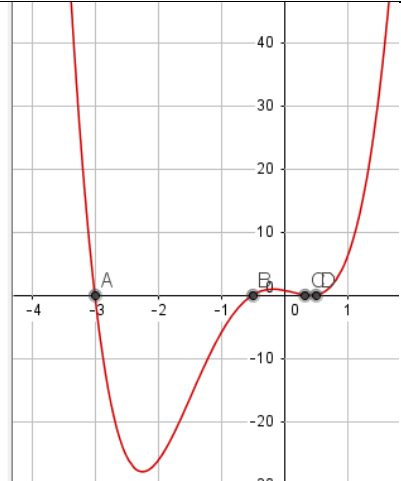
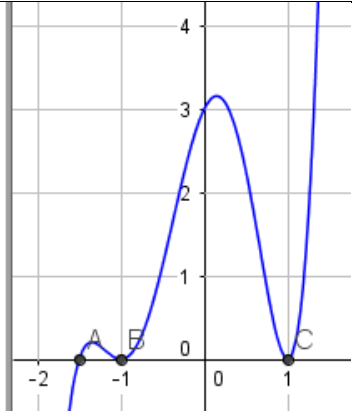
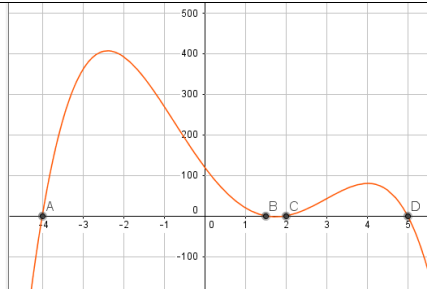


Given $f(x)$, find all rational zeros.

$f(x) = 2x^4 - 5x^3 + 10x^2 - 20x + 8$	<p>Point</p> <ul style="list-style-type: none"> ● A = (0.5, 0) ● B = (2, 0)  <p>rational zeros are $\frac{1}{2}, 2$</p>
$f(x) = 3x^4 + 8x^3 - \frac{15}{4}x^2 - 2x + \frac{3}{4}$	<p>Point</p> <ul style="list-style-type: none"> ● A = (-3, 0) ● B = (-0.5, 0) ● C = (0.33, 0) ● D = (0.5, 0)  <p>rational zeros are $-3, -\frac{1}{2}, \frac{1}{3}, \frac{1}{2}$</p>
$f(x) = 2x^5 + 3x^4 - 4x^3 - 6x^2 + 2x + 3$	<ul style="list-style-type: none"> ● A = (-1.5, 0) ● B = (-1, 0) ● C = (1, 0)  <p>rational zeros are $-\frac{3}{2}, -1, -1, 1, 1$</p>

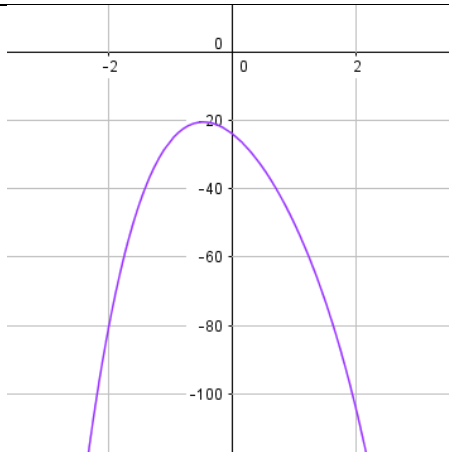
$$f(x) = -2x^4 + 9x^3 + 27x^2 - 134x + 120$$

- A = (-4, 0)
- B = (1.5, 0)
- C = (2, 0)
- D = (5, 0)



rational zeros are $-4, \frac{3}{2}, 2, 5$

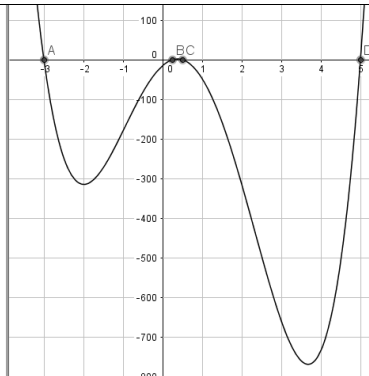
$$f(x) = -x^4 + 2x^3 - 13x^2 - 14x - 24$$



There is no rational zeros for this function

$$f(x) = 8x^4 - 22x^3 - 107x^2 + 88x - 15$$

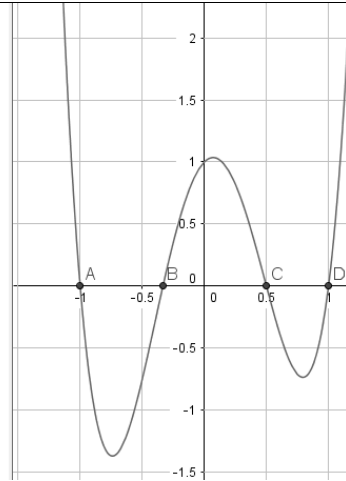
- A = (-3, 0)
- B = (0.25, 0)
- C = (0.5, 0)
- D = (5, 0)



rational zeros are $-3, \frac{1}{4}, \frac{1}{2}, 5$

$$f(x) = 6x^4 - x^3 - 7x^2 + x + 1$$

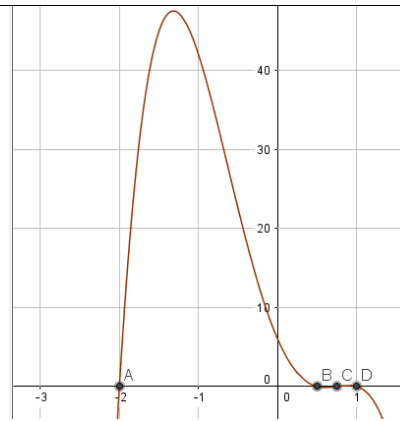
- A = (-1, 0)
- B = (-0.33, 0)
- C = (0.5, 0)
- D = (1, 0)



rational zeros are $-1, -\frac{1}{3}, \frac{1}{2}, 1$

$$f(x) = -8x^4 + 2x^3 + 23x^2 - 23x + 6$$

- int
- A = (-2, 0)
- B = (0.5, 0)
- C = (0.75, 0)
- D = (1, 0)



rational zeros are $-2, \frac{1}{2}, \frac{3}{4}, 1$