Additional Problems: Polynomial Functions & Graphs

**Roots of Polynomials**

Solutions are listed with some problems. Be sure to remove before using with students.

1. Factor to solve the equation .

a.

b.

c.

d.

\*\*Solution:

1. Factor to solve the equation .

a.

b.

c.

d.

\*\*Solution:

1. Factor to solve the equation .

a.

b.

c.

d.

\*\*Solution:

1. What are the additional linear factors of if is a factor?

a.

b.

c.

d.

\*\*Solution:

1. What are the additional linear factors of if is a factor?

a.

b.

c.

d.

\*\*Solution:

1. What are the additional linear factors of if is a factor?

a.

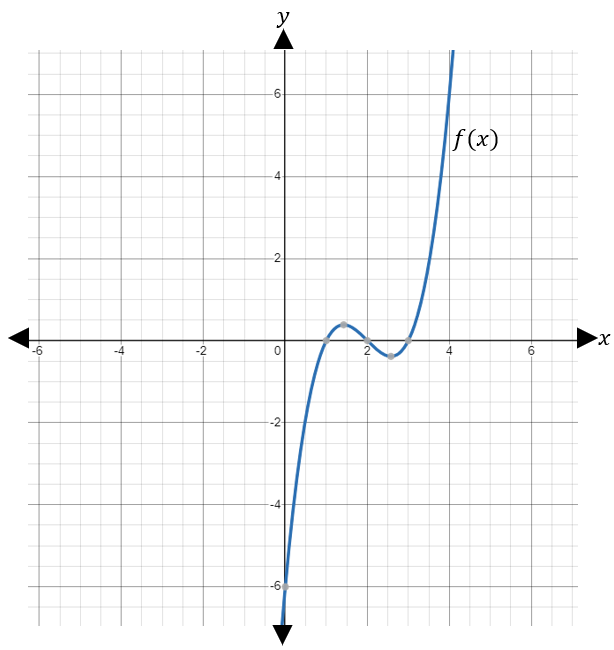
b.

c.

d.

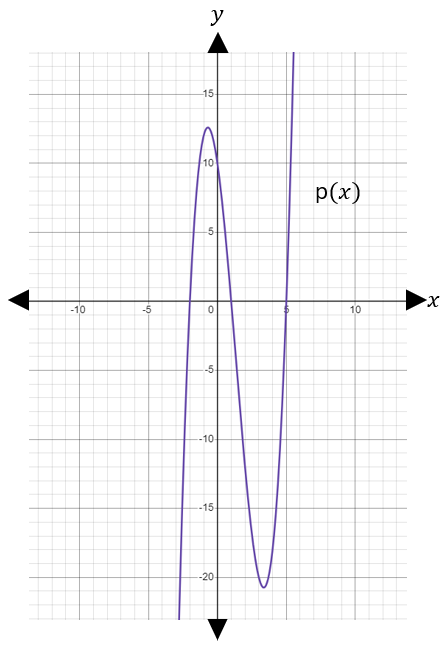
\*\*Solution:

1. Find the zeros of , given the graph.



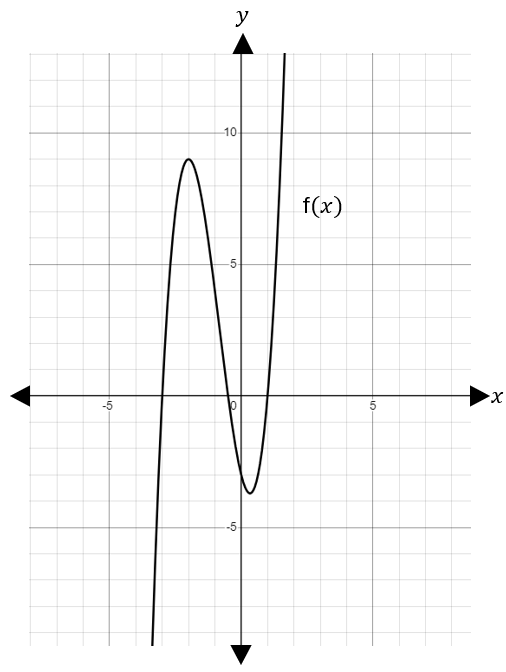
\*\* Solution:

1. Find the zeros of , given the graph.



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\*\* Solution: