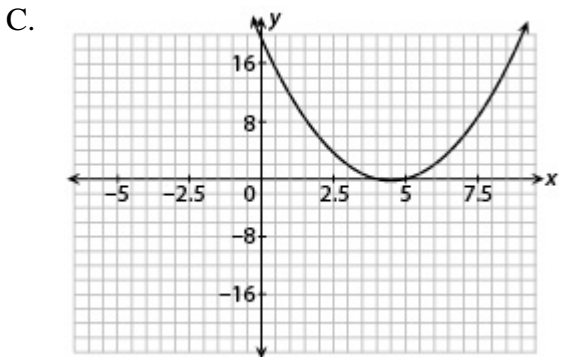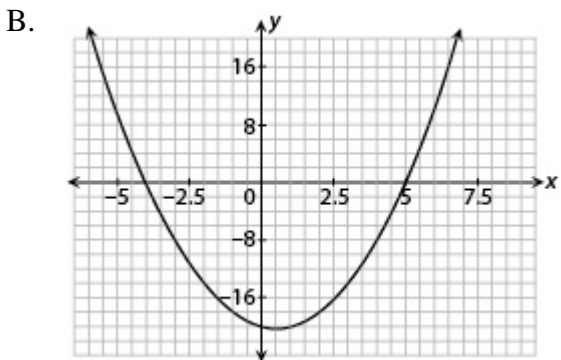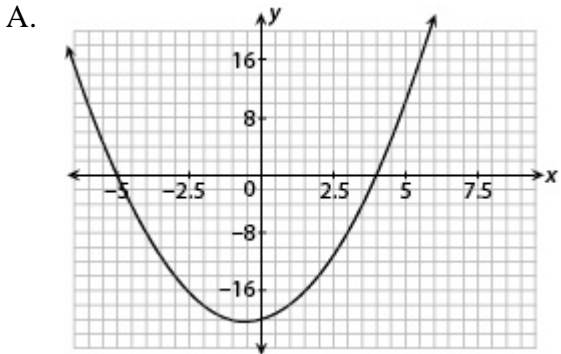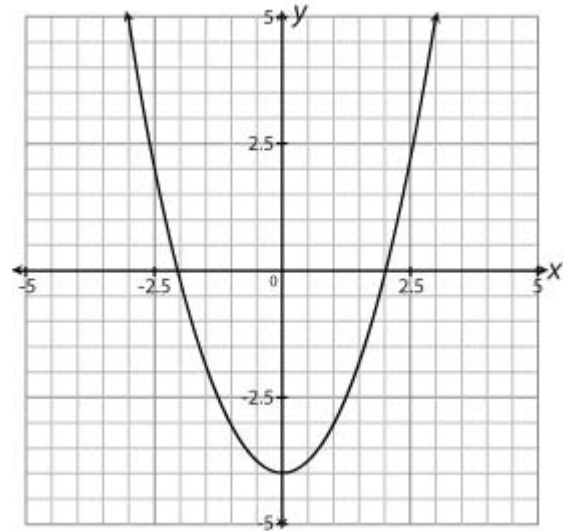Directions: Answer the following question(s).

[1] Which graph shows the zeros of the function $f(x) = x^2 - x - 20$?

A.

B.

C.

D.
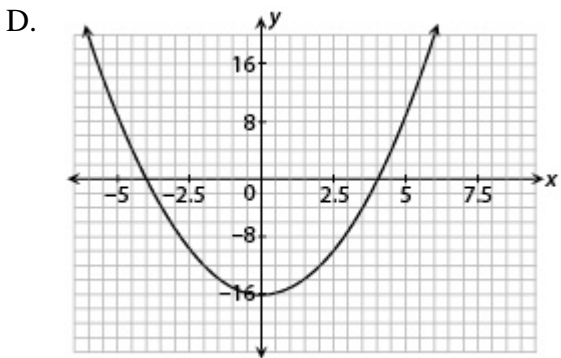
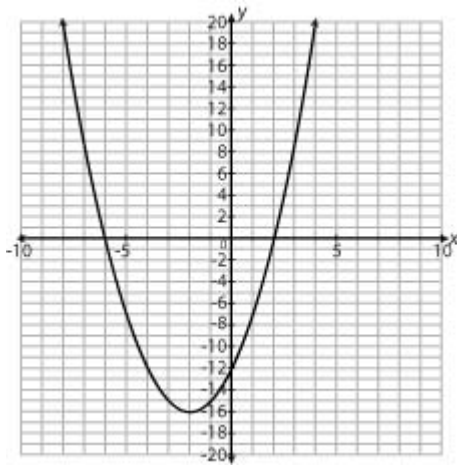[2] The graph of the equation $y = x^2 - 4$ is shown on the coordinate plane below.

What are the factors of this polynomial? Explain how you know.

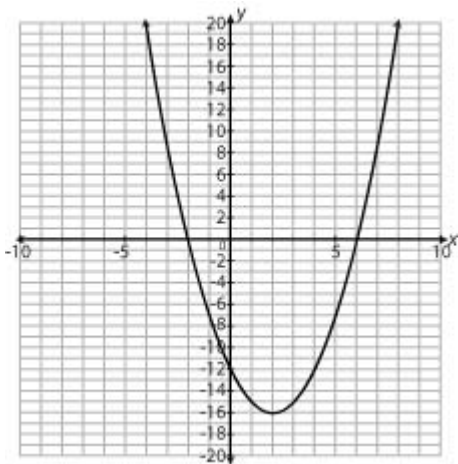Directions: Answer the following question(s).

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3 Given the function $f(x) = x^2 - 4x - 12$, which of these correctly identify a zero and a sketch of the graph of the function?
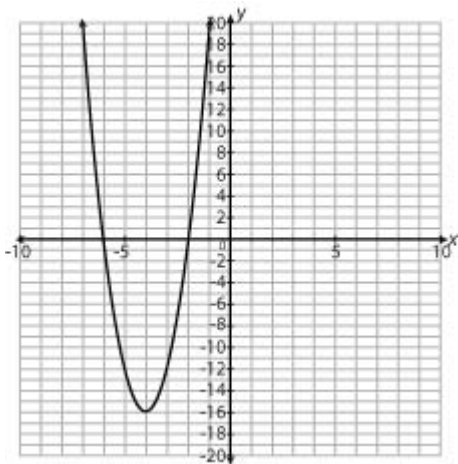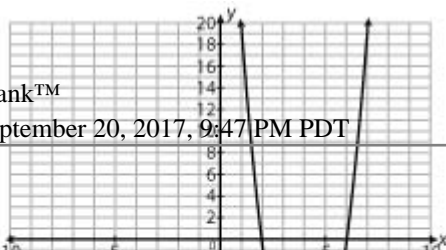
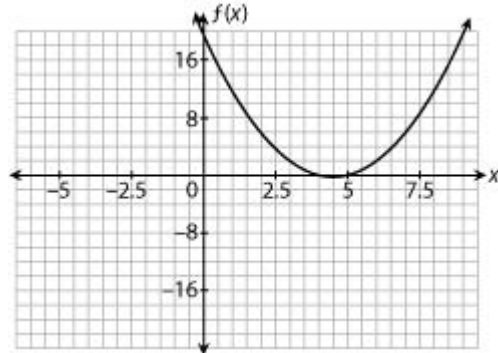A.

$x = 2$,

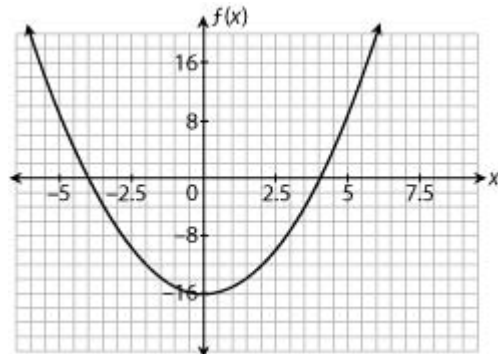B. $x = -2$,

C. $x = -2$,

D.

4 The zeros of the function $f(x) = x^2 - x - 20$ can be used to sketch its graph. Which graph below represents this function?
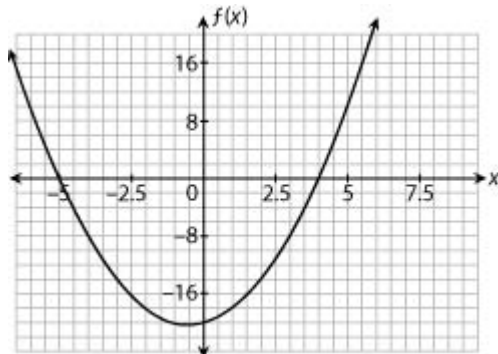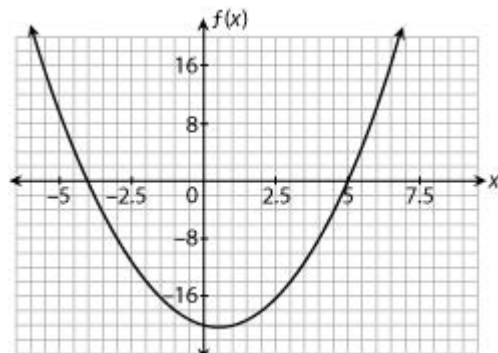
A.

B.

C.

D.

Directions: Answer the following question(s).

5 | Determine which values are the zeros for each polynomial listed in the table below.

Drag and drop the "X" into the box that correctly identifies the zero(s) for each polynomial listed.

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