

Review Problems of the Day...

★ Consider the function $m^2 - 6m - 7 - x(m - 7)^2 = 0$.

If $m = 7$, then $x = \underline{\hspace{2cm}}$.

If $m = 5$, then $x = \underline{\hspace{2cm}}$.

★ Consider the function $A^4 - 81 + (A^2 - 9)^2$

Factor the function completely.

Rewrite the function in standard form.

★ Consider the function $3(b^2 - 16)^2 + 3b^4 - 768$

Factor the function completely.

Rewrite the function in standard form.

★ Consider the function $(k^3 + j^3)^2 - (k^3 - j^3)^2$ where j and k are natural numbers. Rewrite the expression so that it is as simple as possible.
(HINT: Begin by expanding)