mobius

1 Factor this higher order polynomial $w^4 + 2w^2 - 15$

A $(w^2 - 3)(w^2 + 5)$

B $(w^2 + 3)(w^2 - 5)$

2 Factor this higher order polynomial

$t^4 + 6t^2 - 16$

A $(t^2 - 2)(t^2 - 8)$

B $(t^2 - 2)(t^2 + 8)$

3 Factor this higher order polynomial $w^4 - 1w^2 - 12$

A $(w^2 - 4)(w^2 - 3)$

B $(w^2 - 4)(w^2 + 3)$

4 Factor this higher order polynomial $w^4 + 16w^2 + 63$

A $(w^2 + 9)(w^2 + 7)$

B $(2w^2 - 9)(w^2 + 7)$

5 Factor this higher order polynomial $n^4 + 1n^2 - 20$

A $(n^2 + 4)(20n^2 - 5)$

B $(n^2 - 4)(n^2 + 5)$

6 Factor this higher order polynomial $y^4 - 17y^2 + 72$

A $(y^2 - 8)(y^2 - 9)$

B $(y^2 - 8)(1y^2 + 9)$

7 Factor this higher order polynomial $x^4 - 2x^2 - 8$

A $(x^2 - 4)(x^2 + 2)$

B $(x^2 - 4)(8x^2 + 2)$

8 Factor this higher order polynomial $q^4 - 1q^2 - 42$

A $(q^2 - 7)(q^2 + 6)$

B $(1q^2 + 7)(q^2 - 6)$