DIAMOND PUZZLE

Arrange the tiles so that the sides with equivalent **factored forms** and **expanded forms** are touching.

Tile A
- $x^4 - 4x^2 + 4$
- $x^3 + 8$
- $(x^2 + 4)(x^2 + 2)$
- $(x + 2)^3$

Tile B
- $x^3 - 4x^2 - 2x + 8$
- $x^2 + 8$
- $(x + 2)^2$
- $(x - 2)(x^2 + 2x + 4)$

Tile C
- $x^3 + 6x^2 + 12x + 8$
- $x^3 - 4$
- $(x^2 + 2)(x^2 - 2)$
- $(x^2 - 2)(x + 4)$

Tile D
- $x^2 - 8$
- $x^2 - 4$
- $(x - 2)(x - 2)(x + 2)$
- $(x^2 - 2)^2$

Tile E
- $x^3 + 4x^2 + 2x + 8$
- $x^4 - 4$
- $(x^2 - 4)(x^2 - 2)$
- $(x + 2)(x^2 + 2x + 4)$

Tile F
- $x^3 - 8$
- $x^3 - 6x^2 + 12x - 8$
- $(x + 2)(x - 2)$
- $(x^2 + 4)(x^2 - 2)$

Tile G
- $x^4 + 2x^2 - 8$
- $x^2 + 4$
- $(x + 2)(x^2 - 2x + 4)$
- $(x - 2)^2$

Tile H
- $x^4 + 4$
- $x^4 + 6x^2 + 8$
- $(x^2 + 2)(x - 4)$
- $(x^2 + 2)(x + 4)$

Tile J
- $x^4 - 6x^2 - 8$
- $x^3 + 4$
- $(x - 2)^3$
- $(x + 2)(x + 2)(x - 2)$