

Mini Math
September 9, 2022

1. Factor, where possible

(a) $x^3 - 6x^2 - 4x + 24$

Solution: $(x - 6)(x - 2)(x + 2)$

(b) $6(x + 1)(x - 3)$

Solution: $6(x + 1)(x - 3)$

(c) $2x^2 + 7x + 6$

Solution: $(2x + 3)(x + 2)$

(d) $4x^2 + 13x + 3$

Solution: $(4x + 1)(x + 3)$