More factoring of polynomial...your turn

Date Period_

Factor each completely.

1)
$$8x^3 + 14x^2 + 20x + 35$$

2)
$$5x^3 + 65x^2 + 200x$$

3)
$$a^4 - 11a^2 + 24$$

4)
$$75x^2 - 3$$

5)
$$125x^3 + 216$$