Math 2 Name_____

Factoring

Period____

Factor each completely.

1) $25k^2 - 4$

A) $(2k + 1)(2k - 1)$
B) $(5k + 2)(5k - 2)$
C) $(25k + 4)^2$
D) $(5k - 2)^2$

2) $5n^2 + 5n - 450$

A) $5(n - 10)(n + 9)$
B) $3(n - 9)(n - 6)$
C) $2(n + 2)(n - 8)$
D) $5(n + 10)(n - 9)$

3) $12k^2 - 10k - 12$

A) $2(3k + 2)(2k - 3)$
B) $12(k + 2)(k + 3)$
C) $(k + 2)(4k - 1)$
D) $4(k - 2)(10k - 1)$

4) $16x^2 + 8x + 1$

A) $(16x + 1)^2$
B) $(4x + 1)^2$
C) Not factorable
D) $(x + 5)^2$