

Factoring using the Diamond Method a=1 HW-1

Date _____ Period _____

Factor each completely. Use the Diamond Method

1) $n^2 - 11n + 10$

2) $x^2 - x - 72$

3) $n^2 - 14n + 40$

4) $x^2 + 4x - 21$

5) $r^2 - 3r - 40$

6) $x^2 + 8x - 20$

$$7) v^2 + 2v - 24$$

$$8) n^2 - 7n + 6$$

$$9) a^2 + 5a - 14$$

$$10) m^2 - 7m + 10$$

$$11) r^2 + 6r - 27$$

$$12) n^2 - 12n + 35$$

Factor. Use the GCF Method

$$13) 25x^5 - 25x^3 - 20x^2$$

$$14) -10k^2 - 14k - 12$$