

Factoring Practice Sheet # 3 (Leading Coefficient, DOTS, Trinomials, GCF)
Factor each of the following expressions COMPLETELY (if it cannot be factored say "not factorable"):

1) $10s^2 + 13s - 3$

2) $15z^2 + 26z + 8$

3) $4x^2 + 16x + 12$

4) $9p^2 - 1$

5) $4z^2 + 28z + 49$

6) $40x^5y^2 + 16xy^3$

7) $8d^2 - 26d + 15$

8) $2x^2 - 32$

$$9) 6y^2 + 17y - 3$$

$$10) 9x^2 - 100y^2$$

$$11) 6z^2 + z - 35$$

$$12) x^2 + 36 \text{ — can't factor}$$

$$13) 3t^2 - 27t + 60$$

$$14) u^2 + 3u - 54$$

$$15) 10a^2 - 7a + 1$$

$$16) 2n^2 - 4n - 6$$