

## Lesson 2 Assignment Factor by DOS

Date \_\_\_\_\_ Period \_\_\_\_\_

**Factor each completely.**

1)  $49b^2 - 9$

2)  $49x^2 - 36$

3)  $m^2 - 16$

4)  $100n^2 - 81$

5)  $9n^2 + 25$

6)  $64r^2 - 25$

7)  $4n^2 - 36$

8)  $9r^2 - 64$

9)  $1 - a^2$

10)  $16x^2 - 25$

## Answers to Lesson 2 Assignment Factor by DOS (ID: 1)

1)  $(7b + 3)(7b - 3)$

2)  $(7x + 6)(7x - 6)$

3)  $(m + 4)(m - 4)$

4)  $(10n + 9)(10n - 9)$

5) Prime

6)  $(8r + 5)(8r - 5)$

7)  $(2n + 6)(2n - 6)$

8)  $(3r + 8)(3r - 8)$

9)  $(1 + a)(1 - a)$

10)  $(4x + 5)(4x - 5)$