



Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Factoring - Easy

1. Factor by grouping:  $4x + 4x + 4y + 4y$
2. Factor:  $12x^2 + 20x^1$
3. Factor:  $24x^2 + 16x + 32$
4. Factor by grouping:  $2x + 4x + 2y + 4y$
5. Factor:  $30x^2 + 18x^1$
6. Factor by grouping:  $5x + 4x + 5y + 4y$
7. Factor:  $16x^2 + 16x^1$
8. Factor:  $10x^2 + 25x + 25$



## Factoring – Easy – Answer Key

1. Factor by grouping:  $4x + 4x + 4y + 4y$

2. Factor:  $12x^2 + 20x^1$   
 $4x^{\{1\}}(3x + 5)$

3. Factor:  $24x^2 + 16x + 32$   
 $8(3x^2 + 2x + 4)$

4. Factor by grouping:  $2x + 4x + 2y + 4y$

5. Factor:  $30x^2 + 18x^1$   
 $6x^{\{1\}}(5x + 3)$

6. Factor by grouping:  $5x + 4x + 5y + 4y$

7. Factor:  $16x^2 + 16x^1$   
 $4x^{\{1\}}(4x + 4)$

8. Factor:  $10x^2 + 25x + 25$   
 $5(2x^2 + 5x + 5)$