



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: $10x^2 + 25x + 25$
 $5(2x^2 + 5x + 5)$

$(x + y)(4 + 4)$

$(x + y)(2 + 4)$