

Name: _____

Date _____

Topic: Common Factors - Worksheet 1

Factor the following:

1. $x^2 - 7x$

2. $4y - 28$

3. $8x - x^2$

4. $9x^3 - 54x$

5. $3x^2y^3 + 12xy^2$

6. $7x^4 - 3x^3 + 4x^2 + 8x$

7. $6y + 21$

8. $x(x+7) - 3(x+7)$

9. $5m + 20$

10. $x^2 - 3x$



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Topic: Common Factors - Worksheet 2

Factor the following:

1. $x^2 - 5x$

2. $2y - 14$

3. $3x - x^2$

4. $8x^3 - 24x$

5. $4x^2y^3 + 16xy^2$

6. $6x^4 - 2x^3 + 8x^2 + 10x$

7. $9y + 18$

8. $x(x+5) - 3(x+5)$

9. $6m + 60$

10. $x^2 - 5x$



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Topic: Common Factors - Worksheet 3

Factor the following:

1. $x^2 - 8x$

2. $5y - 15$

3. $7x - x^2$

4. $6x^3 - 36x$

5. $4x^2y^3 + 20xy^2$

6. $3x^4 - 1x^3 + 4x^2 + 8x$

7. $8y + 32$

8. $x(x+8) - 2(x+8)$

9. $5m + 55$

10. $x^2 - 6x$



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Topic: Common Factors - Worksheet 4

Factor the following:

1. $x^2 - 4x$

2. $9y - 27$

3. $2x - x^2$

4. $3x^3 - 33x$

5. $7x^2y^3 + 35xy^2$

6. $7x^4 - 5x^3 + 6x^2 + 1x$

7. $4y + 16$

8. $x(x+4) - 3(x+4)$

9. $3m + 30$

10. $x^2 - 8x$



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Topic: Common Factors - Worksheet 5

Factor the following:

1. $x^2 - 9x$

2. $7y - 28$

3. $3x - x^2$

4. $5x^3 - 45x$

5. $6x^2y^3 + 60xy^2$

6. $8x^4 - 3x^3 + 4x^2 + 3x$

7. $8y + 40$

8. $x(x+9) - 5(x+9)$

9. $7m + 35$

10. $x^2 - 2x$

