NAME _____

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1. Simplify the following expression.

$$\frac{2x^6 - 4x^2}{2x^2}$$

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2. Simplify the following expression.

$$\frac{2xy^2 - 7x^2y + 5x^2y^2}{x^2y^2}$$

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3. Simplify the following expression.

$$\frac{x^{12} - 25}{x^6 + 5}$$

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4. Simplify the following expression.

$$\frac{4x^8 - 12x^2}{4x^2}$$

5. Simplify the following expression.

$$\frac{x^2 - 9x + 20}{x - 4}$$

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6. Simplify the following expression.

$$\frac{3x^9 - 27x^{18}}{x^2 - 9x^{11}}$$

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7. Simplify the following expression.

$$\frac{m^4n^3 + 18m^3n^2 + 9m^2n}{3m^2n}$$

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8. Simplify the following expression.

$$\frac{2x^8 - 6x^3}{2x^3}$$

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9. Simplify the following expression.

$$\frac{5x^6 - 10x^4}{5x^4}$$