Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ March 20, 2018

Kobrin/Losquadro Math 8

**Dividing Polynomials-Homework**

1. $\frac{4x^{4}+8x^{2}}{4x}$
2. $\frac{3x^{5}-6x^{4}+9x^{2}}{3x^{2}}$
3. $\frac{2x+2}{2}$
4. $\frac{12z-16z^{6}}{4z}$
5. $\frac{21b^{5}-14b^{4}+35b^{3}}{b^{2}}$
6. What is the length of a rectangle if the area is 14x2 + 7x and the width is 7x?