Dividing Polynomials

$$2\sqrt{(3x+5)} = 6x^2 + 10x$$
 $6x^2 + 10x = 6x^2 + 10x$
 $3x + 5$
 $3x + 5$
 $3x + 5$
 $3x + 5$
 $3x^3 - 8x + 30 = 2x^3 - 8x + 20$
 $3x^3 - 15x^3 = 20x^3 - 12x^3 - 4x^2 - 3x$
 $3x^3 - 2x + 5$

Ty: Divide:

 $3x^3 - 2x + 5$
 $3x^3 - 2x + 20$
 $3x^3 - 2x^3 - 2x + 20$
 $3x^$

3 x2 x2 prime factorization Greatest Common factor (GCF) (Find the GCF of 12 and 18 > 6 The biggest number that divides evenly into both numbers. Find the GCF of 10202 and 15 x3 $\frac{2c^2}{2c^2} = 1 \quad \frac{2c^3}{2c^2} = 2c \qquad 5x^2$ Find the GCF of 822y3 and 20xy2 4xy2 Factor $\frac{3x^2-8x-10}{3}$ 1) Find GCF(2) 2) Divide each 7(2-4x-5 term by G(F answer 2 (202-420-5) GCF (what is left) Factor $6x^{3}-12x^{2}+18x$ $6x(x^{2}-2x+3)$ G(F=6x Try Factor: 1) 24x4-12x2 G(F12x2

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$$12x^{2}(2x^{2}-1)$$
(2) $36x^{3}-30x^{2}+12x'$ $6(F-6x)$
(3) $(6x^{2}-5x+2)$
Worksheet # 5 Quig X/: Homorrow