

Review (Friday's test on
polynomials)

1) Write the following polynomials
in standard form:

a) $1 - 3x^2 + 4x$

b) $-2x + x^2 + 5 - x^3$

2) Find the degree of the following
polynomials:

a) $-5x$

b) $1 - 2x$

c) $-3x^2 + 2x - 1$

4) $-2x + 4x^3 - 5 + x^2$

3) Simplify the polynomials, and then
write them in standard form:

a) $-2x + 4x^2 - 5 + 8x - 5x^2$

b) $4xy - 2x^2y^2 + 6xy - x^2y^2$

Review for test:

1) Subtract the following polynomials:

a) $3x^2$ and $6x^2$

b) $-2x$ and $-4x$

c) $(1-2x)$ and $(2-3x)$

2) Multiply monomials by polynomials

a) $2x \cdot (x^2 - 1) =$

b) $-3x \cdot (1 - x) =$

c) $-2x \cdot (x^2 - 2x + 1) =$

d) $5x(2x - 4 + 3x^2) =$

3) Simplify:

a) $(2x - 1) - (3x - 1) =$

b) $(6x^2 - 3x + 1) - (6x^2 + 4x + 1) =$