

Polynomials I Final Exam Review - Key

• Introduction to Polynomials

a) trinomial deg = 2 coeff -6, -4 cons = 8

binomial deg = 2 coeff = 4, -6 cons = 0

Not a Polynomial.

b) $4x^2 - 6x - 8$

$-6x^2 + 3x$

c)



d) \$140

$C = 44a + 32s$

• Equivalent Expressions

a) $8a \div -28.4a$

$20 \div -4$

b) $-16x^2 + 16x$

$-4j^2 + 20j - 24$

$-7m + 4$

c) $(2x + 16) + (x + 6) + (2x + 16) + (x + 6)$
 $6x + 44$

d) $C = 20h + 400$

\$460

• Adding and Subtracting Polynomials

a) $(-2x^2 + 4x) + (4x^2 - 2x + 4) = 2x^2 + 2x + 4$

b)



$-20d - 12$

c) $14x - 8$

$m^2 + m + 28$

d) $-6w + 14$

$-16r^2 - 12r - 40$

e) Perimeter

$17x - 2$

66

f) $C = 11n + 575$

$\$10475$

$9n + 475$

- Difference between
printing : shipping
costs.