EREF IVA FERREIRA DE SOUSA

ALUNO(A)_____

9 ANO ____

EXERCÍCIOS

1) Determine os produtos dos polinômios:

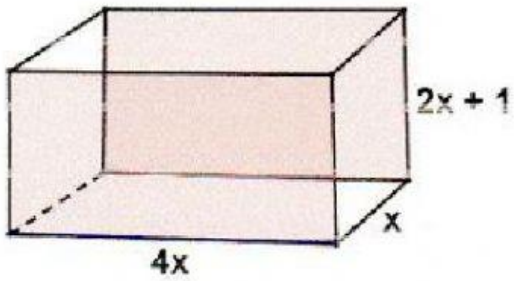
a) $(x + 9).(x - 20)$ _____

b) $(x + 7).(x + 5)$ _____

c) $(2x + 1).(6x^2 - 5x + 3)$_____

d) $(x + 5).(x^2 + 2x - 10)$_____

2) Qual o volume do paralelepípedo da figura abaixo?



R:_____

3) Calcule

a)$(10xy) : (5x)$ =_____

b)$(x^3y^2) : (2xy)$ =_____

c)$(-3xz^2) : (-3xz)$ =_____

d) $(-14m^6n^3) : (7m^4n^2)$ = _____

e) $(1/2a^3b^2) : (-a^3b^2)$ = _____

f) $(-3x^5y^3) : (-4x^2y)$ = _____

4) Calcule:

a) $(+3x^2)^2$ =_____

b) $(-8x^4)^2$ =_____

c) $(2x^5)^3$ = _____

d) $(3y^2)^3$ =_____

e) $(-y^2)^4$ =_____

f) $(-mn)^4$ =_____

g) $(2xy^2)^4$ =_____

h) $(-4x^2b)^2$ =_____

i) $(-3y^2)^3$ =_____

j) $(-6m^3)^2$ =_____

k) $(-3x^3y^4)^4$ =_____

l) $(-2x^2m^3)^3$ =_____

Quadro de resposta. Leve as respostas para suas respectivas sentenças:

$(8x^3 + 4x^2)$ $(2y)$ $(9x^4)$ $(1/2\,x^2y)$ $(x^2 - 11x - 180)$ $(64x^8)$ $(-1/2)$ $(x^3 + 7x^2 - 50)$

$(3/4x^3y^2)$ $(8x^{15})$ $(-8x^6m^9)$ $(-2m^2n)$ $(81x^{12}y^{16})$ $(36m^6)$ $(12x^3 - 4x^2 + x + 3)$ $(-27y^6)$

$(16x^4b^2)$ $(27y^6)$ (z) $(16x^4y^8)$ (y^8) $(x^2 + 12x + 35)$ (m^4n^4)

LIVEWORKSHEETS