MATH FINAL EXAM

ADDITION OF POLYNOMIALS

1) $(7X^2-8X+5X^3)+(2X-4X^3+3X^2)$

a) $10x^2+6x+x^3$
b) $10x^2-6x+x^3$
c) $-10x^2-6x-x^3$
d) $4x^2+10x-9x^3$

2) $(9c+5s^2-7s^3)+(2s^3-8c+4s)$

a) $-c+5s^2+5s^3-4s$
b) $c+9s^2-5s^3+4s$
C) $c+5s^2-5s^3+4s$
d) $1c+5s^2+5s^3+4s$

LIVEWORKSHEETS

3)

$$\begin{array}{r} 6y^1-3n^2+7y \\ -6y^1+4n^2+2y \\ \hline \end{array}$$

a) $+n^2+9y$
b) $-n^2+9y$
c) $+1n^2-9y$
d) $-n^2-9y$

4) $(8w^3-2m-4m^1+5w^2)+(7m-3m^1+2w^3-6w)$

a) $10w^3-5m-7m^1-5w^2-6w$
b) $6w^3+9m-m^1+5w^2-6w$
c) $-10w^3-5m+7m^1-5w^2-6w$
d) $10w^3+5m-7m^1+5w^2-6w$

5) $(6t-2r^1+7t^3-3r^2)+(-1r^1+5r^2-4t^3+3t-8)$

a) $9t-3r^1+3t^3+2r^2-8$
b) $-9t+3r^1-3t^3-2r^2-8$
c) $9t-3r^1+4t^3+2r^2-8$
d) $-9t+2r^1+3t^3+2r^2-8$

LIVEWORKSHEETS

SUBTRACTION OF POLYNOMIALS

1) $(3x^3)-(2x^3-x)$

a) x^3+x
b) $-x^3-x$
c) x^3-x
d) $5x^3-x$

2) $(5x-4x^2)-(4x^2-3x+6r)$

a) $-8x+8x^2+6r$
b) $2x \quad +6r$
c) $8x-8x^2-6r$
d) $-2x \quad +6r$

3) $(7t^3+t-5t^1)-(t+3t^3)$

a) $4t^3 \quad -5t^1$
b) $4t^3 0t-5t^1$
c) $10t^3+2t-5t^1$
d) $-10t^3-2t-5t^1$

4) $(2r-9r^1+6r^3)-(5r+2r^3-5r^1)$

a) $-3r+4r^1-4r^1$
b) $7r-14r^1+8r^3$
c) $-7r-14r^1-8r^3$
d) $-3r-4r^1+4r^3$

LIVEWORKSHEETS

5)(5x+4t-2r+5m)-(-2t-3x+4r-6m)

a)2x+2t+2r-m
b)8x-2t-6r+11m
c)8x+6t-6r+11m
d)8x-6t+6r-11m

MULTIPLICATION OF MONOMIALS

1)$(5x^3)(3x^3)$

a)$-15x^6$
b)$15x^6$
c)$2x^6$
d)$-2x^3$

2)(6xy)(-t)=

3)$(9xy)(4xy^2)$

a)$36x^2y^3$ b)$-36x^2y^3$
c)$13xy^2$ d)$5x^2y^3$

LIVEWORKSHEETS

4)$(7x)(-x)$

a)$-7x^2$
b)$8x$
c)$+7x^2$
d)$-8x^2$

5)$(-x^2)(-x^2)$

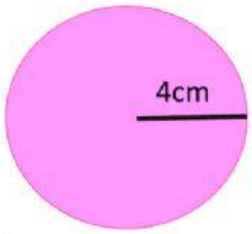
a)$-2x^4$
b)$-2x^2$
c)$-x^4$
d)x^4

GEOMETRY

VOLUME AND CIRCUMFERENCE

Circumference

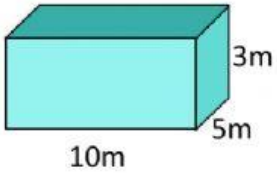
1)



a)25.12cm
b)20cm
c)12.56cm
d)30cm

Volume

2)Rectangular prism



a)$20m^3$ b)$18m^3$
c)$150m^3$ d)$15m^3$

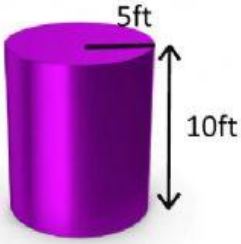
LIVEWORKSHEETS

3)cube

7cm

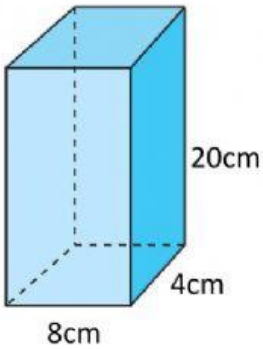
a)21cm³
b)343cm³
c)300cm³
d)50cm³

4)cylinder



a)60ft³
b)50ft³
c)800ft³
d)785ft³

5)Rectangular prism

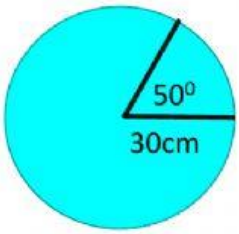


Cm³

LIVEWORKSHEETS

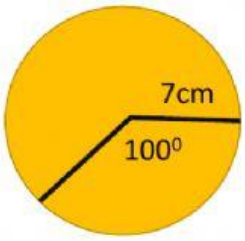
LENGTH OF ARC

1)



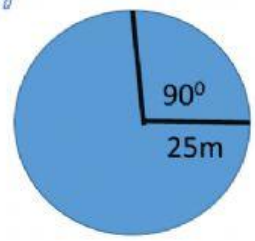
a)26.16cm
b)471cm
c)4,710cm
d)70cm

2)



a)30cm
b)12.21cm
c)110cm
d)40cm

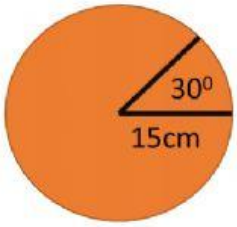
3)



a)7,065m
b)80m
c)39.25m
d)200m

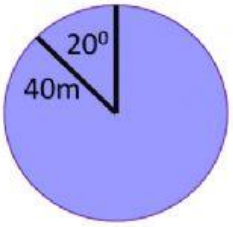
LIVEWORKSHEETS

4)



a)15cm
b)3.925cm
c)20cm
d)7.85cm

5)



a)13,95m
b)2,512m
c)300m
d)40m

LOOK CLOSELY

LIVEWORKSHEETS