



KEC

K Education Centre



KS3 Year 7 Mathematics

Algebra part 1

Assignment Questions

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Algebra part -1

Q1: Solve the following :

a) $x + y + 2x + 3y$

b) $5y + 6z - 4y - 5z$

c) $8xy + 2z - 6xy + 4y$

d) $9x - 4y - 12x + 3y$

Q2: Simplify the following :

a) $4x \times 6y \times 5z$

b) $5a \times 6a \times 7b$

c) $7x^3 \times 5x^2$

d) $7y^6 \times 8y^{12}$

e) $y^{32} \div y^{30}$

f) $24y^6 \div 4y^2$

g) $(3x)^2$

h) $(9y)^3$

Q3: Expand :

a) $5(y+3)$ b) $6y(y+2)$ c) $-2y(y+2)$

d) $6x^2(x+3)$ e) $y^3(y^2+6y)$ f) $x(x+3y)$