

Simplifying - Addition and Subtraction

1) Simplify the following

a) $x + x$

b) $2x + 3x$

c) $5t - 3t$

d) $7y - 6y$

e) $x + 2x + 3x$

f) $3g - g + 6g$

g) $2x - 7x + 8x$

h) $y - 2y - 3y + 6y$

2) Simplify the following

a) $xy + 3xy$

b) $5xy - 2xy$

c) $4x^2y + x^2y$

d) $3xy^2 - 2xy^2$

e) $2x^2y^3 + 4x^2y^3 - 3x^2y^3$

f) $6a^2bc^4 + 5a^2bc^4 - 2a^2bc^4$

3) Simplify the following

a) $x + y + x + y$

b) $2x + 3y + x + 4y$

c) $2a + 4b - a + 2b$

d) $3x + 4y - x - 2y$

e) $6x - 2y + 2x + 5y$

f) $4x - 3y - 2x - 5y$

g) $3t + 4u + 2t - 7u$

h) $2xy + 3t - xy - 4t$