

S1

Simplify the following expressions by collecting like terms.

[a] $x + x + x$

[b] $4m + 2m + 3m$

[c] $10t + 3t - 6t$

[d] $8x - 7x + 6y + 2y$

[e] $4p + 9q + 8p - 5q$

[f] $7a + 8b - 6a + 5b$

[g] $6u - 8u + 4v - v$

[h] $3u^2 + 2u - 2u^2 + 8u$

S2

Use the answers below to simplify the following expressions.

[a] $4 \times a \times a \times 2$

[b] $4 \times a \times 2 \times a \times b$

[c] $2ab \times 4b$

[d] $2a \times 4b \times ab$

S3

In this algebra pyramid each brick is the sum of the two bricks below it.

Complete the pyramid.

