### Multiplying

Multiply with each number in the brackets. Sharing is caring.
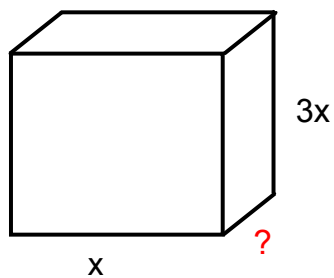
L



W + 2

L = 8, W = 2

Area:  L = $2x^2 + x + 5$, W + 2 = x

Volume:  W + 2



L

H
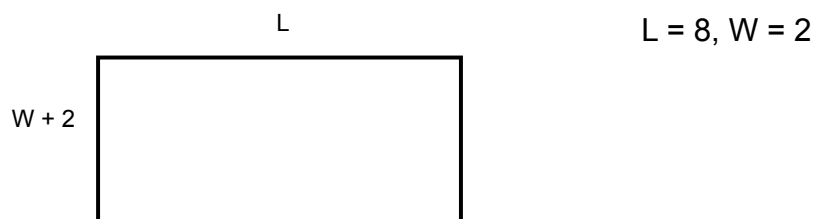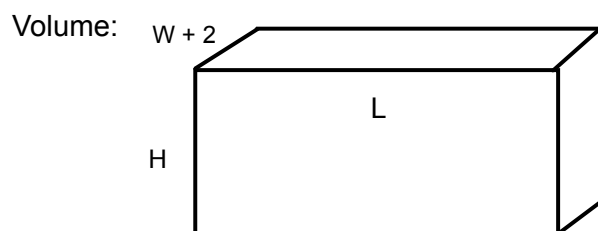
L = $2x^2 + x + 5$, W + 2 = x, H = 2x

6.b) p.53



3x

?

x

Volume of prism = $6x^2$ mm$^3$

**Multiplying Algebraic Expressions**

$-2(x^2 + 3x - 5)$

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

## Dividing

Divide each number in the brackets/in the top part of the fraction. Sharing is caring.

$$\frac{-3x^2 + 6x - 3}{3}$$

$$- \frac{3x^2 + 6x - 3}{3}$$

$$\frac{-3x^3 + 6x^2 - 3x}{3x}$$