Writing formulas in words

Try to work out what the formulas below mean in words. **For example:**

P = 2L + 2W (where P = perimeter of a rectangle; L = length and W = width)

Correct answer**: perimeter equals twice the length plus twice the width.**

1. A = L × W (where A = area of a rectangle; L = length and W = width)

2. S = P - D (where S = price paid in a sale; P = original price and D = discount)

3. V = L × W × H (where V = volume of a cuboid; L = length; W = width and H = height)

4. P = 4L (where P = perimeter of a square and L = length)

5. D = S × T (where D = distance travelled; S = speed and T = time spent travelling)

6. C = T/N (where C = cost of one item; T = total cost of pack of items and N = number of items in pack)

7. J = W + A + B (where J = total journey time; W = time spent walking to and from bus stop, A = time spent waiting for the bus and B = time on the bus)

Now check your answers using the answer sheet

Also try working with a partner to make up some more formulas and write them in words (one person makes up a formula and the other person tries to write it in words; then swap roles).