$$a \times 4 \qquad a + 10 \qquad a - 10$$

$$a \div 2 \qquad 3a \qquad a \div 5$$

$$a \times 5 + 3 \qquad 3a - 1 \qquad (a + 3) \times 2$$

What is the output when 10 is substituted for **a** in these equations.

**a)** Complete the table.

| Number of weeks | 1 | 2 | 3 | 5 | 10 |
|---|---|---|---|---|---|
| Number of days | 7 | | | | |

**b)** Complete the formula to show the relationship between days ($d$) and weeks ($w$).

**c)** How many days are there in 32 weeks?

Dora makes a square pattern using lolly sticks.
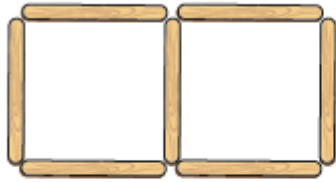
She records the number of squares and sticks in a table.

Continue the pattern and complete the table.

| Number of squares, $s$ | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Number of lolly sticks, $l$ | 4 | 7 |  |  |  |

Write the formula that describes the pattern.

Complete the table.

| $x$ | $5x$ | $5x - 1$ |
|---|---|---|
| 2 |  |  |
| 10 |  |  |
| 12 |  |  |
|  | 25 |  |
|  |  | 34 |
|  |  | 99 |

The Wooden Letter Company sells wooden letters for £2 each, plus £1.50 for delivery of each order.

a) Whitney places an order for the letters to spell out her name.

How much does it cost?

b) Write a formula to show the cost ($c$) for the number of letters ($n$).