**Is the shortcut actually shorter? Day 3**

OVER

Home

UP

SHORTCUT

Start

Reese and her dad are on a very long walk. Her dad says they should go up 3 miles and over 4 miles. Reese says they should take a “shortcut” to get home faster. Today we find unknown distances.

1. What is the pattern we discovered yesterday to relate “UP”, “OVER”, and “SHORTCUT”?
2. Without using spaghetti pieces, find the unknown distance on each day. Show your work.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | UP |  | OVER  |  | SHORTCUT |
| Day 4 | 9 |   | 12 |   |   |
|  |  |  |  |  |  |

Show work:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | UP |  | OVER  |  | SHORTCUT |
| Day 5 |  |   | 15 |   | 17  |
|  |  |  |  |  |  |

Show work:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | UP |  | OVER  |  | SHORTCUT |
| Day 6 | 24 |   |  |   | 25  |
|  |  |  |  |  |  |

Show work: