**Consolidation: answers 1**

**Exercise 1**

*Note:* This table has rounded the contour lines to be multiples of 2.5 m apart. This has been done to make the calculations in the later exercises easier.

|  |  |
| --- | --- |
| **Distance along the road (m)** | **Height (m)** |
| 0.0 | 70.5 |
| 2.5 | 71 |
| 5.0 | 71.5 |
| 7.5 | 72 |
| 10.0 | 72.5 |
| 12.5 | 73 |
| 15.0 | 73.5 |
| 20.0 | 74 |
| 27.5 | 75 |
| 37.5 | 75 |
| 40.0 | 74 |
| 42.5 | 73.5 |
| 45.0 | 73 |
| 47.5 | 72.5 |
| 50.0 | 72 |
| 55.0 | 71 |
| 65.0 | 71 |
| 70.0 | 72 |