

## Requirements

| Label | Formula           | Result | Units            | Description                |
|-------|-------------------|--------|------------------|----------------------------|
| m     | $73.0 + 10$       | 83     | kg               | mass                       |
| t     | 10                | 10     | s                | time falling               |
| g     | 9.8               | 9.8    | m/s <sup>2</sup> | Gravity acceleration Earth |
| v     | $g * t$           | 98     | m/s              | final velocity             |
| e     | $0.5 * m * v * v$ | 398566 | joules           | energy of splat            |
| d     | $0.5 * g * t * t$ | 490    | meters           | distance fallen            |

1. The formulas can use literal numbers or any of the outputs of other formulas by using their labels.
2. The application always keeps to results updated when inputs change.
3. The results from every formula are displayed in the Result area as text in a general number format.