**Part A:** Color the box GREEN if the given number is a perfect square and RED if it is not.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | 1) | $$99$$ |  |  | 2) | $$-9$$ |
|  | 3) | $$100$$ |  |  | 4) | $$81$$ |
|  | 5) | $$441$$ |  |  | 6) | $$625$$ |

**Part B:** Find the value of the following.

|  |  |  |  |
| --- | --- | --- | --- |
| 1) | $$\pm \sqrt{25}$$ | 2) | $$\sqrt{-25}$$ |
| 3) | $$\sqrt{1600}$$ | 4) | $$\sqrt{121}$$ |
| 5) | $$\sqrt{-1}$$ | 6) | $$\pm \sqrt{1}$$ |
| 7) | $$\pm \sqrt{196}$$ | 8) | $$\sqrt{40000}$$ |
| 9) | $$\sqrt{225}$$ | 10) | $$\sqrt{-100}$$ |

**Part C:** Find two consecutive integers between which $\sqrt{66}$ lies.

**Part D:** Find two rational numbers with two decimal places between which $\sqrt{66}$ lies.

**Part E:** Approximate $\sqrt{66}$ up to the fourth estimate.