

Solutions

Each answer shows the steps, then the **result**.

2.1

- Thymine

2.2

- 3'-TTACGG-5'

2.3

- Uracil

3.1 C

- guanine

3.2

(a)

- 5'-ATGCCT-3'

(b)

- RNA from 3'-TACGGA-5': 5'-AUGCCU-3'

3.3

- Each base pairs only with its complement (A–T, C–G), so each strand acts as a template that specifies the exact sequence of the new strand