

## 4 Food tests and DNA – Part 2 — Answers

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### Answers

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Work through these after trying the questions yourself.

**4.6** Iodine solution; it changes from orange-brown to blue-black.

**4.7** The Benedict's test (for reducing sugars).

**4.8** Protein.

**4.9** A twisted ladder — two strands coiled around each other.

**4.10** A pairs with T; C pairs with G.

**4.11** Pairing A–T and C–G, the matching strand reads **T G C A**.