

## 2 Data packets – Part 1 —Answers

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### Answers

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Work through these after trying the questions yourself.

**2.1** A small block of data sent over a network.

**2.2** Header, payload (data) and trailer.

**2.3** The address (and the packet number).

**2.4** Serial sends bits one at a time down one wire; parallel sends several bits at once down many wires.

**2.5** Serial.

**2.6** Over a long distance, parallel wires would let the bits arrive at slightly different times (**skew**), corrupting the data, and many long wires are costly. **Serial** sends the bits one at a time down a single wire, so they stay in order and reliable.