

2 Data packets – Part 1 — Answers

Answers

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.