

9 Residuals and checking the model — Part 2 — Answers

Answers

Work through these after you have tried the questions yourself.

2.1 the difference between an actual value and the value predicted by the line (actual minus predicted).

2.2 $46 - 50 = -4$.

2.3 the residuals (prediction errors) against x .

2.4 a straight line is a good model for the data.

2.5 a straight line is the wrong model – the data follow a different (curved) pattern.