

## Day3

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### Problem 1.2

C

### Problem 1.3

$$b = 0.467$$

### Problem 1.5

$$a = 1.3$$

### Problem 1.7

On average, a 1 mm increase in wing length corresponds with a 0.467 gram increase in bird weight.

### Problem 1.9

$$\hat{\sigma}_\epsilon = 1.4$$

### Problem 1.11

$$n - 2 = 116 - 2 = 114$$