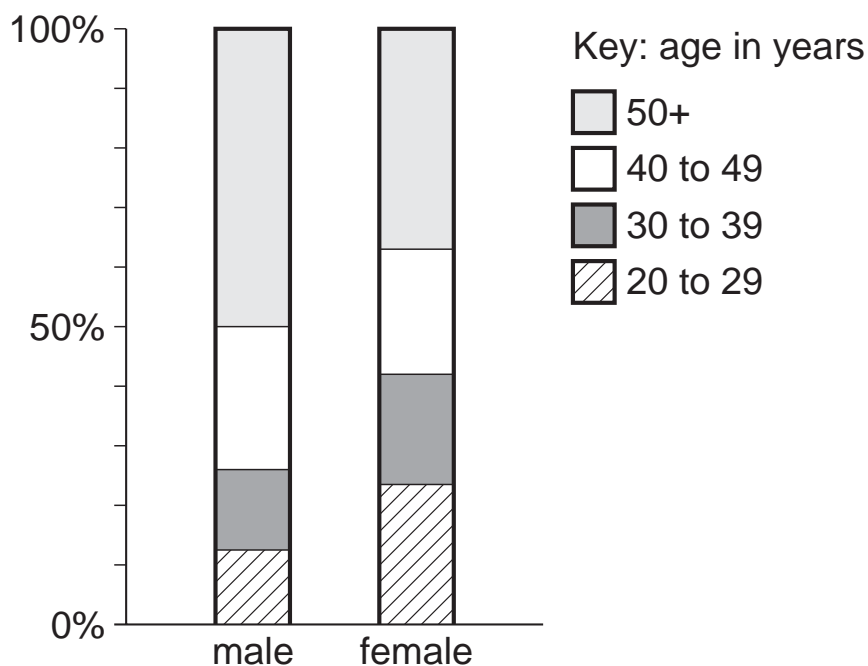


Handling data: 'Teachers'

M14.3

A newspaper predicts what the ages of secondary-school teachers will be in six years' time.

They print this chart.



(a) The chart shows **24%** of male teachers will be aged 40 to 49.

About what percentage of female teachers will be aged 40 to 49?

(b) About what percentage of **female** teachers will be aged **50+**?

- (c) The newspaper predicts there will be about **20 000** male teachers aged 40 to 49.

Estimate the number of male teachers that will be aged 50+.

- (d) Assume the total number of male teachers will be about the same as the total number of female teachers.

Use the chart to decide which of these statements is correct.

- Generally, male teachers will tend to be younger than female teachers.
- Generally, female teachers will tend to be younger than male teachers.

Explain how you used the chart to decide.