Handling data: 'Teachers' M14.3
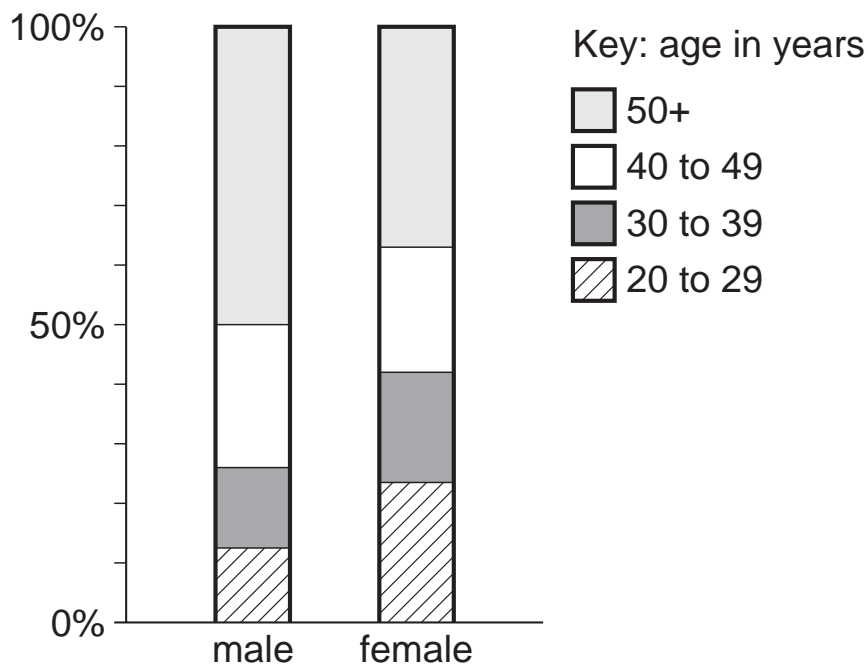
A newspaper predicts what the ages of
secondary-school teachers will be in
six years' time.

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.