

Open your book on pages 189–192 in *Crossroads 10B* and use the information to answer the following questions.

- 1 How many inches equals eight centimetres?
- 2 How many centimetres are there in five feet?
- 3 How many yards are there in 65 miles?
- 4 75 ounces equals _____ kilos.
- 5 55 pounds equals _____ kilos.
- 6 How much is 13 and 15?
- 7 What is 26 minus 24?
- 8 What is 14 multiplied by 31?
- 9 On a hot summer's day in Brighton you and three of your friends drank 1.3 litres of fizzy drink. How much did each of you drink on average?
- 10 What is 14 degrees Fahrenheit in degrees Celcius?
- 11 What is -4 degrees Celcius in degrees Fahrenheit?
- 12 Find out the shoe size of your classmates' feet. What is the average size of the feet in your class? Write up the results in the form of a bar diagram and a pie chart.
- 13 Draw a square whose sides are 7 centimetres long.
- 14 Draw two parallel lines, A and B, which are 3 inches long. Draw a line, L, that crosses A and B in an intersection. Name the intersection F.
- 15 Draw a cylinder whose radius is 9 centimetres and height is 7 centimetres.
- 16 Calculate the volume of a cylinder whose radius is 7.5 centimetres and height is 11.5 centimetres.
- 17 Have a look at the timetable on page 143.
 - a) When does the first train leave from Cronulla to Kings Cross on normal weekdays?
 - b) When is the last train?
 - c) How many trains go from Cronulla to Kings Cross on a normal weekday?
 - d) How long does it take to go from Cronulla to Kings Cross if you take the last train?
 - e) If you need to be in Kings Cross by 8 o'clock, when will you have to leave Cronulla?
 - f) When does the last train leave from Rockdale?
 - g) What is the last station on this route?

Timetable: Cronulla to Bondi Junction Weekdays

Cronulla	3.54	4.54	6.45	8.23	9.59	11.15	12.59	14.32	16.25	21.43	23.25
Woolooware	3.56	4.56	6.47	8.25	10.01	11.17	13.01	14.34	16.27	21.45	23.27
Sutherland	4.12	5.12	7.03	8.41	10.17	11.19	13.03	14.36	16.29	21.47	23.29
Oatley	4.20	–	–	8.48	–	11.27	–	–	16.37	–	–
Mortdale	4.22	5.20	7.11	8.50	10.25	11.28	13.12	14.45	16.38	21.56	23.38
Penshurst	4.24	5.22	–	8.52	10.27	11.30	13.14	14.47	16.40	21.58	23.40
Hurstville	4.27	5.35	7.15	8.55	10.30	11.33	13.17	14.50	16.43	22.01	23.43
Rockdale	4.33	5.31	–	9.01	10.36	11.39	13.23	14.56	16.49	22.07	23.49
Sydenham	4.40	5.39	7.27	9.08	10.44	11.47	13.31	15.04	16.57	22.15	23.57
Redfern	4.46	5.45	7.33	9.14	10.50	11.54	13.39	15.12	17.05	22.23	24.05
Central	4.49	5.48	7.36	9.17	10.53	11.57	13.42	15.15	17.08	22.26	00.08
Town Hall	4.52	5.51	7.39	9.20	10.56	12.00	13.45	15.18	17.11	22.29	00.11
Kings Cross	4.57	5.56	7.44	9.25	11.01	12.05	13.50	15.23	17.16	22.34	00.16
Bondi Junction	5.02	6.01	7.49	9.30	11.06	12.10	13.55	15.28	17.21	22.39	00.21