

Unit 14

Strengthen activities

MISCONCEPTION: Children may misread the scales on a bar chart, assuming that each square always stands for one.

Answers

Children should add another row to their pictograms and bar to their charts to show Wood according to the scales.

MISCONCEPTION: Children may assume that each symbol in a pictogram has a value of 1.

Answers

- a) Kieron has 20 jigsaw piece cards. b) He has 34 normal piece cards. Each card represents 8 cards, each half card represents 4 cards and each quarter card represents 2 cards.

MISCONCEPTION: Children may think they can only read data from the marked points on the horizontal axis, especially with continuous data on a line graph.

Answers

The temperature at 12:30 pm is about 17 °C.

Deepen activities

Answers

Activity 1

Children should create a bar chart with 'Type of ticket' along the horizontal axis; 'Number sold' on the vertical axis; bars showing 42 (adult), 54 (Child), 18 (Over 60)

Activity 2

Answers will vary. Ensure the line graph produced is realistic and that questions asked can be answered by interpreting the graph.

Activity 3

Answers will vary. Ensure that the difference between Chocolate and Strawberry is 15 (with Chocolate being the larger number) and the difference between Vanilla and Mint Choc Chip is 7 (with Vanilla being the smaller number).