Test answers - Pictograms, tally charts and block diagrams

Year: Year 2 · Duration: 30 minutes · /20

Answer to Question 1 (4 marks)

a. Read the Walk tally: one gate of 5 and 3 more single marks. 5 + 3 = **8** children walk. (1 mark)
b. Compare the totals 8, 6 and 11. The biggest is 11, so **car** is the most popular way. (1 mark)
c. Add all three totals: 8 + 6 = 14, then 14 + 11 = **25** children were asked. (2 marks: 1 for adding all three rows, 1 for 25)

Answer to Question 2 (4 marks)

a. Tuesday has 5 stars and each star stands for 5 apples. Count in 5s: 5, 10, 15, 20, 25. So **25** apples were picked on Tuesday. (1 mark)
b. Wednesday has 2 stars, which is 10 apples. The difference is 25 − 10 = **15** more apples on Tuesday. (1 mark)
c. Monday has 3 stars, which is 15 apples. Add the three days: 15 + 25 + 10 = **50** apples. (2 marks: 1 for reading every day with the key, 1 for 50)

Answer to Question 3 (4 marks)

a. Bea's column goes up to the line marked 9 on the scale, so Bea has **9** sweets. (1 mark)
b. The shortest column belongs to Cy, which reaches 3. **Cy** has the fewest sweets. (1 mark)
c. Bea has 9 and Cy has 3. Count on from 3 to 9: that is 6. Bea has **6** more sweets. (1 mark)
d. Read every column: Ali 6, Bea 9, Cy 3, Di 8. Add them: 6 + 9 = 15, 15 + 3 = 18, 18 + 8 = **26** sweets. (1 mark)

Answer to Question 4 (4 marks)

a. Find the Football row and the Class A column. The number where they meet is **9** children. (1 mark)
b. Look down the Class B column: 7, 8 and 5. The biggest is 8, which is in the Swimming row, so **swimming** is the favourite in Class B. (1 mark)
c. Add the two numbers in the Swimming row: 6 + 8 = **14** children. (1 mark)

d. In Class A, 9 like football and 4 like tennis. 9 − 4 = **5** more children like football. (1 mark)

Answer to Question 5 (4 marks)

a. 30 − 12 − 10 = **8 children**. (1 mark)
b. 12 is the most, so **the film**. (1 mark)
c. Film 12 ÷ 2 = **6 stars**, games 10 ÷ 2 = **5 stars**, picnic 8 ÷ 2 = **4 stars**. (2 marks)