7.1 Statistics: Charts and Tally: 30-minute Pack

STA NC-KS1-MATHS-STA · Calculators not allowed · about 30 minutes

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 There are 10 shapes. They are sorted into two groups. 6 of them are red. All the others are blue.

How many are blue?

Answer: ___

(1)

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2 The pictogram shows the favourite meals of a class. Each (*) stands for 10 children.

pizza: (*) (*) (*) (*) (*)
pasta: (*) (*) (*) (*) (*)
curry: (*) (*) (*) (*) (*) (*)

Which was chosen by the most children?

Answer: ___

(1)

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3 The pictogram shows the side dishes of a class. Each (*) stands for 1 child.

rice: (*) (*) (*) (*) (*)
chips: (*)
pasta: (*) (*)

Which was chosen by the most children?

Answer: ___

(1)

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4 The table shows the favourite zoo animals of a class.

lions: 9
tigers: 13
bears: 3
monkeys: 14

Which was the most popular?

Answer: ___

(1)

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5 There are 8 cards. 5 are wet and the rest are dry.

How many more are wet than dry?

Answer: ___

(2)

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6 A block graph shows the favourite colours of a class. The bar for red reaches 4; the bar for blue reaches 2; the bar for green reaches 8; the bar for yellow reaches 1.

How many children chose yellow and red together?

Answer: ___

(1)

---

7 The table shows the favourite sports of a class.

football: 2
swimming: 5
tennis: 9
running: 10

How many more chose running than swimming?

Answer: ___

(1)

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8 The pictogram shows the sandwich fillings of a class. Each (*) stands for 5 children.

cheese: (*) (*)
ham: (*)
egg: (*) (*) (*) (*) (*) (*)

How many children chose altogether?

Answer: ___

(2)

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9 A block graph shows the favourite zoo animals of a class. The bar for lions reaches 5; the bar for tigers reaches 8; the bar for bears reaches 9; the bar for monkeys reaches 6.

How many children chose monkeys and bears together?

Answer: ___

(1)

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10 A tally chart shows the types of weather chosen by a class. In a tally, ||||/ stands for 5.

sunny: ||
rainy: ||||/ ||||
cloudy: ||||
windy: ||||/ ||||/ |||

Which was the most popular?

Answer: ___

(1)

---

11 The pictogram shows the shapes of a class. Each (*) stands for 5 children.

circle: (*) (*) (*) (*) (*) (*)
square: (*) (*) (*) (*) (*) (*)
triangle: (*)

How many children chose altogether?

Answer: ___

(2)

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12 The pictogram shows the pets of a class. Each (*) stands for 1 child.

cats: (*) (*) (*)
dogs: (*) (*) (*) (*) (*)
fish: (*)

Which was chosen by the most children?

Answer: ___

(1)

---

13 A tally chart shows the shapes chosen by a class. In a tally, ||||/ stands for 5.

circle: ||||/
square: ||||/ ||||/ ||||
triangle: ||||/ |||
star: ||||/ ||||/ |

How many chose circle?

Answer: ___

(1)

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14 The pictogram shows the favourite sports of a class. Each (*) stands for 1 child.

football: (*) (*) (*) (*)
swimming: (*) (*) (*) (*) (*)
tennis: (*) (*) (*)

How many (*) would be drawn for 4 children?

Answer: ___

(1)

---

15 A tally chart shows the favourite fruits chosen by a class. In a tally, ||||/ stands for 5.

apples: ||||/ |||
bananas: ||||/ ||||/ ||
pears: ||||/ ||
grapes: ||||/ ||||/ |

How many chose pears?

Answer: ___

(1)

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16 A tally chart shows the number of children seen at the gate. In a tally, ||||/ stands for 5.

The tally for Monday is: ||||/ ||||/ |

How many children were seen on Monday?

Answer: ___

(1)

---

17 A tally chart shows the favourite zoo animals chosen by a class. In a tally, ||||/ stands for 5.

lions: ||||/

tigers: ||||/ ||||/ |

bears: ||||/ |||

monkeys: ||||/ |

Which was the most popular?

Answer: ___

(1)

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18 There are 8 stickers. 3 are red and the rest are blue.

How many more are blue than red?

Answer: ___

(2)

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19 Mia counted 14 ducks on a pond. Mia wants to record this in a tally chart using ||||/ for each group of 5.

How many groups of five and how many extra single strokes are needed?

Answer: ___ group(s) of five and ___ single stroke(s)

(1)

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Mark scheme · 7.1 Statistics: Charts and Tally: 30-minute Pack

Question 1

4 cao — **B1**

Answer: **4**

Question 2

curry cao — **B1**

Answer: **curry**

Question 3

rice cao — **B1**

Answer: **rice**

Question 4

monkeys cao — **B1**

Answer: **monkeys**

Question 5

8 - 5 = 3 — **M1**

2 cao — **A1**

Answer: **2**

Question 6

5 cao — **B1**

Answer: **5**

Question 7

5 cao — **B1**

Answer: **5**

Question 8

uses 5 for each symbol — **M1**

45 cao — **A1**

Answer: **45**

Question 9

15 cao — **B1**

Answer: **15**

Question 10

windy cao — **B1**

Answer: **windy**

Question 11

uses 5 for each symbol — **M1**

65 cao — **A1**

Answer: **65**

Question 12

dogs cao — **B1**

Answer: **dogs**

Question 13

5 cao — **B1**

Answer: **5**

Question 14

4 cao — **B1**

Answer: **4**

Question 15

7 cao — **B1**

Answer: **7**

Question 16

11 cao — **B1**

Answer: **11**

Question 17

tigers cao — **B1**

Answer: **tigers**

Question 18

8 - 3 = 5 — **M1**

2 cao — **A1**

Answer: **2**

Question 19

2 groups of five and 4 single strokes cao — **B1**

Answer: **2 groups of five and 4 single strokes**

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