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| Year  8 | Practice Test – Graphs Tables and Charts | **Calculator Practice Test.** |
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|  | Questions 1 to 4 refer to the column graph below. |
| 1. | By how many votes did Lauren outscore Kevin on the voting?  votes |
| 2. | The column for Steve was left out. If there were 120 students who voted, complete the column for Steve. |
| 3. | How many more votes would Lauren need to have 50% of the votes?  24 16 26 28 |
| 4. | What fraction of the votes did Mitchell receive? |
|  | Questions 5 to 8 refer to the graph below.  Proportion of Viewers on a Saturday Night |
| 5. | The angle representing Nine is :  85o 75o 80o 90o |
| 6. | One channel has exactly a quarter of the market and another has one eighth. They are:  Nine and Pay TV Seven and SBS Nine and ABC Seven and ABC |
| 7. | What percentage of the viewers were watching Pay TV?  (to the nearest whole number)  % |
| 8. | There were 480 viewers surveyed to produce this graph. How many were watching Ten?  viewers. |
|  | Questions 9 to 12 refer to the graph below. |
| 9. | Complete the table for the placings at the carnival. |
| 10. | Which house won twice as many points as Mills? |
| 11. | Which house won  of the total points? |
| 12. | If Lowe won 240 points, how many points did Jones win?  120 points 190 points 200 points 180 points. |

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|  | Questions 13 to 16 refer to the graph below.      (£) |
| 13. | The value of $A36 is closest to  £14.00 £14.50 £15.00 £15.50 |
| 14. | The value of £10 is closest to  $22 $24 $25 $28 |
| 15. | Jack wants to buy a model from the UK which is advertised as £45.00. How much would this be in Australian dollars?  $ |
| 16. | Kelsey wants to send $720 home to her mum in the UK. How much will her mum get in UK pounds?  £ |

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|  | Questions 17 to 20 refer to the graph below. |
| 17. | What is the cost of sending a 4kg parcel?  $10.00 $12.50 $15.00 $16.00 |
| 18. | What is the cost of sending a 15kg parcel?  $ |
| 19. | Leica has $35 in her bag when she goes to send a parcel to the US. What is the heaviest parcel that she could send?  8 kg 10 kg 12 kg 15 kg |
| 20. | James and Paula have presents for their grandmother, which weigh 6 kg and 3 kg. How much could they save by putting them in one package compared to sending two packages?  They could save $ |
|  | Questions 21 to 24 refer to the graph below. |
| 21. | Complete the following;  The time that Brett first stopped was at am/pm  and he was stopped for minutes. |
| 22. | How many hours after leaving Dubbo, did Brett arrive in Nyngan, 120 km away.  hours. |
| 23. | The fastest average speed at any time, in either direction was between;  6 am and 9 am 7:45 am and 8:15 am 9:30 am and 1:30 pm 2 pm and 4 pm |
| 24. | Brett walked the last part of his journey into Nyngan between 9:30 am and 1:30 pm. What was his average speed for this part of the journey?  km/h. |
| 25. | Bella collects data on the favourite Movie among her classmates. This data is;  Quantitative and Continuous Categorical Quantitative and Discrete |
| 26. | Year 8 conducts surveys on the four subjects, listed below. Which survey is an example of collecting quantitative discrete data;  The number of siblings of 100 children.  The heights of 100 students.  The names of 100 students.  The favourite food of 100 students. |
| 27. | As part of a proposal for a new uniform at Brelaba High School, students collect the data listed below.  Write the letter C in the box beside those which are examples of a Census.  Write the letter S in the box beside those which are examples of a Sample.  Ask a third of the students in the school their opinion on the new uniform.  Measure the heights of all students in the school.  Ask the preferred colour of 20% of the students in the school.  Ask the shirt size of all of the boys in the school. |
| 28. | A company collects information on voting intentions in a NSW state election, by surveying a sample of voters.  Which of the following is an example of a biased survey;  Choosing every 2000th person from every electoral roll in NSW.  Choosing every 10 000th person from every phonebook in NSW.  Choosing every 2000th person from the Sydney phonebook.  Choosing every 10 000th person from every electoral roll in NSW. |
|  | Questions 29 to 32 refer to the frequency below. |
| 29. | On the table above, complete the missing tally marks for the score of 6 and the missing frequency for the score of 7. |
| 30. | How many students were in the class?  students. |
| 31.  Frequency | Draw the missing column on the frequency histogram created from the table above.  4 5 6 7 8  Score |
| 32. | On the same axes as the histogram, draw a frequency polygon. |

