**Q1 Question 1**

The following AFL football scores were recorded for round 20 in AFL season 2013.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Team** | **Goals** | **Points** | **Total** | **Vs** | **Team** | **Goals** | **Points** | **Total** |
| Collingwood | 20 | 13 | 133 | Vs | Essendon | 7 | 12 | 54 |
| Adelaide | 15 | 13 | 103 | Vs | Port Adelaide | 17 | 5 | 107 |
| Bulldogs | 15 | 9 | 99 | Vs | Sydney | 11 | 11 | 77 |
| Carlton | 12 | 8 | 80 | Vs | Fremantle | 17 | 14 | 116 |
| West Coast | 20 | 10 | 130 | Vs | Gold Coast | 17 | 11 | 113 |
| Hawthorn | 9 | 12 | 66 | Vs | Richmond | 16 | 11 | 107 |
| Greater Western Sydney | 19 | 10 | 124 | Vs | Melbourne | 12 | 15 | 87 |
| North Melbourne | 15 | 6 | 96 | Vs | Geelong | 13 | 8 | 86 |

Each goal is worth six points.

1. Prepare a spreadsheet to show the results from round 20 of the AFL 2013 season.
2. Use a formula to calculate the total score for each team and extend that formula to all teams in the column.
3. Create a main heading for the spreadsheet in merged cells across the page.
4. Adjust the size of columns and rows so that it prints well on an A4 page. You may choose landscape or portrait printing.
5. Use cell styles to colour the winning team’s cells green.
6. Add a comment ‘Winner’ in the cell of the name of each winning team.

**Q2 Question 2**

You may need to rearrange the data, to have all the data in one column in order to make the following charts:

1. Present the football scores (total only) as a Bar Chart and a Column Chart.
2. Make sure the chart looks good and has all the appropriate titles and labels

**Q3 Question 3**

Use the following Collingwood and Essendon scores as the basis for a Pie Chart.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Team** | **Goals** | **Points** | **Total** | **Vs** | **Team** | **Goals** | **Points** | **Total** |
| **Collingwood** | **20** | **13** | **133** | **Vs** | **Essendon** | **7** | **12** | **54** |

1. Present a Pie Chart for the total of each teams score as a percentage of the total score of both teams combined.
2. Show a label with the % of the combined score for each team
3. Make sure the chart looks good and has all the appropriate titles and labels
4. Insert a picture or logo of both football teams in the chart (you will find a logo quite easily in an images search in google)

**Q4 Question 4**

Using the same football scores create a spreadsheet and calculate the following information using formula:

1. The average score of all the teams from that round.
2. The total number of goals scored that round.

**Q5 Question 5**

Create a sales report for the month of June 2013 for the six hardware stores in you group.

Sales were:

Bankstown                           $78 526

Penrith                                  $96 333

Foster                                    $32 200

Redfern                                 $41 880

Dubbo                                   $102 300

Tamworth                             $36 500

1. Create a spreadsheet with the sales information.
2. Create a Column Chart with the sales of each store.
3. Create a pie chart to show the sales of each store as a % of the sales of the group as a whole.
4. Show the total sales of the group.
5. Show the average sales of the group.
6. If new renovations to the Foster store produce a 50% increase in sales. Show the new pie chart to show the sales of each store as a % of the sales of the group as a whole. Assuming all the other sales remained the same.
7. Add a footer to the page showing ‘Sales June 2013’
8. Format the document to ensure it looks professional.

**Q6 Question 6**

A publisher has the following book sales for July 2013

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Book** | **Sale price**  **Hard copy** | **Number hard copies sold** | **Sale Price E book** | **Number of E books sold** |
| **Winter Soups** | **$22.99** | **360** | **$12.99** | **39** |
| **Growing lemons for profit** | **$18.99** | **290** | **$9.99** | **100** |
| **2012 What a year** | **$19.99** | **586** | **$9.99** | **325** |
| **Behind the scenes of football** | **$29.99** | **1250** | **$12.99** | **856** |
| **Mmm Coffee** | **$22.99** | **563** | **$7.99** | **233** |

Create a spreadsheet that uses a formula to calculate the following with the following

1. Show the total sales from each book.
2. Show the revenue for each book in hard copy.
3. Show the revenue for each book in eBook.
4. Show total revenue for all books.
5. If the author of the book is to be paid 10% then what is the payment to the author?
6. Create a line chart showing payments for each author.
7. Add a footer to the page showing ‘Book Sales July 2013’.
8. Format and label the document and charts so they are professional.