**A1 Business**

**Initial Assessment**

****

**September 2024**

**Name:………………………………………………………..**

**Group:………………………………………………………..**

**Teacher:……………………………………………………..**

**Room:………………………………………………………..**

   

Choose 2 logos of your choice from above. Compare the logos and make recommendations how they could be changed/improved.

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| Q1 | Balti Towers is an Indian takeaway that also offer a delivery service. Last year, the business delivered 1,400 curries. This year, the owner estimates that they will deliver 1,512 curries.  Calculate the estimated percentage increase curry deliveries. **(1 mark)** |
| ***Your workings:*** | |

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| Q2 | School of Choc is a confectionary manufacturer located in County Durham. The business employs 120 staff. The ratio of male to female staff is 2:3.  Calculate how many female staff School of Choc employs. **(1 mark)** |
| ***Your workings:*** | |

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| Q3 | Jimmy Chews is a sweet shop located in Wetherby. This year, the owner estimates that the business, which also sells soft drinks, will sell 3,360 cans of coca cola, 5% more than last year.  Calculate how many cans of coca cola Jimmy Chews sold last year. **(1 mark)** |
| ***Your workings:*** | |

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| Q4 | Bubblicious is a hot tub manufacturer located in Chester. Their hot tubs retail for £4,500. The manufacturing cost per hot tub is 2/5 of the selling price.  Calculate the cost of manufacturing one hot tub. **(1 mark)** |
| ***Your workings:*** | |

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| Q5 | The chart below shows the number of hot tubs Bubblicious sold between 2014 and 2017. The owner estimates that in 2018, hot tub sales will be 5% lower than in 2017.  Calculate the average annual sales of hot tubs between 2014 and 2018.  **(2 marks)** |
| ***Your workings:*** | |

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| Q6 | Melchester Rovers Football Club can seat 42,000 spectators. Last week, when they played Harrogate Town, there were 36,960 spectators.  Calculate the percentage of empty seats. **(2 marks)** |
| ***Your workings:*** | |

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| Q7 | A family of four, on holiday in the UK from Spain, visited the ‘Whale of a Time’ sea life centre in London. The total entrance cost for the family was £90.  Assuming an exchange rate of £1: €1.08, calculate the total entrance cost in Euros. **(1 mark)** |
| ***Your workings:*** | |

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| Q8 | Loft in Space, a manufacturer of loft insulation, took 80 of its employees on a two-day team building trip to an outdoor activity centre in the Lake District. The total cost of the trip was £9,600. The accommodation cost per employee was 3/5 of the total cost per employee.  Calculate the accommodation cost per employee. **(2 marks)** |
| ***Your workings:*** | |

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| Q9 | Tea-Total is a café in Cumbria. Below is a pie chart showing the percentage of drinks purchased for a group of 200 customers.  (A) Calculate how many customers purchased a coffee  (B) Calculate how many customers did not purchase a tea  (C) Calculate the fraction of customers that purchased a Latte **(3 marks)** |
| ***Your workings:*** | |

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| Q10 | Graham Riley is an employee of Father Treads, a business that specialises in car tyres. Graham attends a meeting at Head Office, travelling 60 kilometres each way. Graham is entitled to claim travel expenses at 45p per mile.  Based on the assumption that 10 kilometres is equivalent to 6 miles (approximately), calculate how much Graham is entitled to claim. **(2 marks)** |
| ***Your workings:*** | |