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| **Knowledge Assessment** | | | |
| Name of student |  | Date |  |
| Name of assessor |  | | |
| Unit/s (code and name) | FSKNUM003 - Use whole numbers and money up to one thousand for work | | |
| Method of assessment | Written (Time allowed – 1hr) Verbal | | |

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| **Instructions** | | | | |
| * This assessment consists of **12** questions * Answers must be clear, concise and in your own words * All writing, notes and responses to be done in the spaces provided, in pen * You must answer all questions correctly to be deemed competent in this unit * Re-assessment of any incorrect responses will be undertaken verbally and noted on the assessment * Identified special needs students may be able to undertake this assessment in a slightly different way please speak with your assessor if you believe that you are eligible for a modified assessment item | | | | |
| **EDUCATIONAL ADJUSTMENTS MADE** | | | | |
| Formatting | Altered print size and layout  Audio Provided     Images to support text  Simplified language | | | |
| Time | Extra Time      Rest Break     Administered in segments | | | |
| Assistive Technology | Word Processor     Speech to text     Calculator | | | |
| Environmental | Alternate location      Reduced audience     Support person present | | | |
| **Satisfactory**  **Not Satisfactory** | | | **Due date for reassessment (if required):** |  |
| **Feedback to student:** | | | | |
|  | | | | |
| **Assessor Signature:** | |  | | |

**Q1 – You receive the following email from your boss. Please use the space provided to calculate the answer.**

Hi Julie,

Could you please check that we how many drones we can purchase if they cost $175 each and we have a budget of $950 to spend.

Regards

Chloe

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| **We can purchase 5 drones** |

**Q2. From question 1 how much would be left in the budget**

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| **There would be $75 left over** |

**Q3. A bag of concrete makes up a volume of 1m x 2m x 2m calculate the volume that the bag will fill.**

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**Q4 From question 3 you are required to use half a bag of concrete for the next job. Calculate the volume that half a bag would fill.**

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**Q5 Put the following millilitre values in order from largest to smallest**

**250mL, 750mL, 500mL, 1000mL, 100mL, 650mL, 260mL.**

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| **100mL, 250mL, 260mL, 500mL, 650mL, 750mL, 1000mL.** |

**Q6 When purchasing bottles of 2L drinks for work, they come in 6 packs. Complete the following table**

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| --- | --- | --- | --- | --- | --- |
| **Number of packs** | **1** | **2** | **3** | **4** | **5** |
| **Number of bottles** | **6** | **12** | **18** | **24** | **30** |

**Q7 Describe the links between addition and subtraction?**

**The link is that the amount being added or subtracted from the original number is the amount that is moved away from the orginal number.**

**Q8 You have been asked by your manager to research purchasing some drones for photography. Which is better value for money using mathematical reasoning?**

JB Hifi 5 Drones for $750

Harvey Norman 4 Drones for $620

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| --- |
| **JB hifi has the best value for money per drone, however Harvey Norman is cheaper if you don’t require 5 drones.** |

**Q9 From Q8 present your findings in a quote to give to your manager.**

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| **Dear Manager,**  **I have researched the following stores for the best value to purchase drones. JB hifi has the best value for money costing $150 per drone, however Harvey Norman is cheaper if you don’t require 5 drones costing a total of $620, (works out to be $155 per drone.**  **Kind regards**  **Name** |

**Q10**

**Identify the place value of 2 in the following number.**

**253**

|  |
| --- |
| **The place value is hundreds** |

**Q11**

**Which is the correct role of zero.**

1. **It is a place holder for example after the 1 in the number ten it makes the number 10**
2. **Is a symbol representing nothing in the number system.**
3. **Because he is best friends with “1”**
4. **Due to 9 needing another number**

**Q 12**

**Add 22 to 34?**

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| **22 + 34 = 56** |

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| **Assessment Project** | | | | | | | |
| Name of student |  | | | | | Date |  |
| Name of Assessor |  | | | | | | |
| Unit/s (code and name) | **FSKNUM003 – Use whole numbers and money up to one thousand for work.** | | | | | | |
| Method of assessment | Project | | | | | | |
| **Instructions** | | | | | | | |
| * This assessment consists of 3 activities * Answers must be clear, concise and in your own words * All writing, notes and responses to be done in the spaces provided, in pen * You must answer all questions or complete the activities correctly to be deemed competent in this unit * Re-assessment of any incorrect responses will be undertaken verbally and noted on the assessment * Identified special needs students may be able to undertake this assessment in a slightly different way please speak with your assessor if you believe that you are eligible for a modified assessment item | | | | | | | |
| **Declaration**  I declare that no part of this assessment has been copied from another person’s work with the exception of where I have listed or referenced documents or work and that no part of this assessment has been written for me by another person.  Signed: Date: | | | | | | | |
| **EDUCATIONAL ADJUSTMENTS MADE** | | | | | | | |
| Formatting | | Altered print size and layout  Audio Provided     Images to support text  Simplified language | | | | | |
| Time | | Extra Time      Rest Break     Administered in segments | | | | | |
| Assistive Technology | | Word Processor     Speech to text     Calculator | | | | | |
| Environmental | | Alternate location      Reduced audience     Support person present | | | | | |
| **Satisfactory**  **Not Satisfactory** | | | | **Due date for reassessment (if required):** |  | | |
| **Feedback to student:** | | | | | | | |
|  | | | | | | | |
| **Assessor Signature:** | | |  | | | | |

**TASK ONE**

**You work for flight centre as a travel agent. Your most recent customer named Jenny has asked for some assistance with booking her flights to Brisbane. Jenny needs return flights from Emerald to Brisbane. She has informed you that she is quite low on money and needs this to be under $1000. She does not have specific dates she needs to leave.**

**You task is to:**

**- Find flights from Emerald to Brisbane**

**- Source flights, which total less than $1000**

**- Calculate the total cost of trip.**

Screenshots of flight details

Calculations of cost.

**TASK TWO**

**You have successfully sourced flights for Jenny from Emerald to Brisbane. You need to reflect on the total cost of the trip. Is the details of the flight reasonable and why? Does it meet Jenny’s request of under $1000.**

Does this student response discuss the reasonableness of the flight costs & whether it is under $1000?

**TASK THREE**

**You now need to inform Jenny of what you have sourced. You need to communicate the total cost via email and ask Jenny if she would like to book.**

**You need to ensure you are:**

**- Using email etiquette**

**- Inform and break down all of the details including; dates, flight times, cost, service fee, GST**

Does the student create an appropriate email response to Jenny with all details included?