# Week 8 – Professional Practice: Formula activity worksheet QUESTIONS

**Complete each table below by filling in the blanks with the correct figures.**

|  |
| --- |
| **Wart Paint** |
| **Ingredient** | **Master Formula** | **Working** | **Answer** |
| Lactic Acid | 32ml | $\frac{32}{100}$ x [ ] | [ ]ml |
| Salicylic acid | 32g | $\frac{32}{100}$ x [ ] | [ ]g |
| Collodian Flex | To 100ml |  | To [ ]ml |

Below is an overview of our calculations for Wart Paint.

**Question 1:** How much of each ingredient is required to prepare 75ml of the Wart Cream?

**Question 2:** How much of each ingredient is required to prepare 30g of the following cream? *(Make sure to put in the correct units (g or ml) next to your answers.)*

|  |  |  |
| --- | --- | --- |
| **Ingredient** | **Amount** | **Answer** |
| Powder W | 30g | [ ] |
| Powder X | 20g | [ ] |
| Liquid Y | 5ml | [ ] |
| Non-ionic Cream | To 100g | To [ ] |

**Question 3:** Calculate the amounts required to make 50g of the following cream.

|  |  |  |
| --- | --- | --- |
| **Ingredient** | **Amount** | **Answer** |
| Sulphur Powder | 0.2g | [ ] |
| Salicylic Acid | 0.1g | [ ] |
| LPC | 0.5ml | [ ] |
| Base | To 5g | To [ ] |

**Question 4:** Calculate the amounts required to make 100g of the following ointment.

|  |  |  |
| --- | --- | --- |
| **Ingredient** | **Amount** | **Answer** |
| Powder D | 2g | [ ] |
| Powder E | 0.45g | [ ] |
| Powder F | 1.5g | [ ] |
| Base | To 40g | [ ] |

|  |  |  |
| --- | --- | --- |
| Ingredient | Amount | Answer |
| Liquid G | 4ml | [ ] |
| Liquid H | 6ml | [ ] |
| Powder I | 0.3g | [ ] |
| Water | To 25ml | To [ ] |

**Question 5:** Calculate the amounts required to make 35ml of the following liquid.