# Week 8 – Professional Practice: Formula activity worksheet ANSWERS

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

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| **Wart Paint** |
| **Ingredient** | **Master Formula** | **Working** | **Answer** |
| Lactic Acid | 32ml | $\frac{32}{100}$ x 75 | 24ml |
| Salicylic acid | 32g | $\frac{32}{100}$ x 75 | 24g |
| Collodian Flex | To 100ml |  | To 75ml |

**Question 2:** How much of each ingredient is required to prepare 30g of the following cream?

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| **Ingredient** | **Amount** | **Answer** |
| Powder W | 30g | 9g |
| Powder X | 20g | 6g |
| Liquid Y | 5ml | 1.5ml |
| Non-ionic Cream | To 100g | To 30g |

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

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| --- | --- | --- |
| **Ingredient** | **Amount** | **Answer** |
| Sulphur Powder | 0.2g | 2g |
| Salicylic Acid | 0.1g | 1g |
| LPC | 0.5ml | 5ml |
| Base | To 5g | To 50g |

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

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| **Ingredient** | **Amount** | **Answer** |
| Powder D | 2g | 5g |
| Powder E | 0.45g | 1.125g |
| Powder F | 1.5g | 3.75g |
| Base | To 40g | 100g |

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

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| Ingredient | Amount | Answer |
| Liquid G | 4ml | 5.6ml |
| Liquid H | 6ml | 8.4ml |
| Powder I | 0.3g | 0.42g |
| Water | To 25ml | To 35ml |