**Question, Aim and Hypothesis**

1. Match each question to an aim and a hypothesis. Connect each one with a straight line (use a ruler)

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| **Question** |  |  | **Aim** |  |  | **Hypothesis** |
| Does the temperature of water change how long it takes to freeze? |  |  | To find out if the type of food affects how quickly mould grows. |  |  | Water evaporates faster in warmer temperatures. |
| Does the mass of a paper plane affect how far it will fly? |  |  | To find out if the amount of food given to fish affects their weight. |  |  | Paper planes with a smaller mass fly further than planes with a larger mass |
| Does the type of food affect how quickly mould grows? |  |  | To find out if the temperature of water changes how long it takes it to freeze. |  |  | Mould grows faster on soft fruit. |
| Does temperature affect how quickly water evaporates? |  |  | Image result for paper planeTo find out if the mass of a paper plane affects how far it flies. |  |  | Fish that are fed more food weigh more. |
| Does the amount of food given to fish affect their weight? |  |  | To find out if temperature affects how quickly water evaporates. |  |  | Hot water freezes faster than cold water. |

1. For the observations and inferences below, write a question, an aim and a hypothesis.

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| **Observation**: In summer, I feel hotter in dark coloured t-shirts than I do in light coloured t-shirts | **Observation**: Sugar dissolves faster in hot water than it does in cold water |
| **Inference**: Dark colours absorb more heat more than light colours | **Inference**: The heat from the water makes the sugar to dissolve faster |
| **Question**: | **Question**: |
| **Aim**: | **Aim**: |
| **Hypothesis**: | **Hypothesis**: |