

Max's Magnificent Maths-Kit Assembly

Learning objective: To identify and understand the features of instructional texts, including imperative verbs and chronological structure.

Read the text below carefully and answer the questions that follow. Ensure you use evidence from the text to support your answers.

Max the monkey has designed a new 'Fraction-Finder' kit to help his friends solve maths problems. Before starting, ensure you have all your components laid out on a flat surface. First, identify the base plate, which is the large blue square. Carefully slide the two yellow sliders into the grooves located on the left and right edges. You must ensure they click firmly into place; if they do not, the fractions will not align correctly. Next, insert the central dial into the circular hole in the centre of the base plate. Use the provided screwdriver to tighten the small silver screw until it is secure, but take care not to overtighten it, as this may crack the casing. Once the dial is attached, attach the four corner brackets by pressing them downwards until you hear a satisfying 'snap'. Finally, check that all pieces move smoothly. If the dial feels stiff, loosen the screw by a quarter turn. Your kit is now ready for action! Keep your workspace tidy to ensure you do not lose any vital parts.

Word bank: Chronological · Imperative · Diagram · Procedure · Component · Precise

1. List two pieces of equipment or components mentioned in the instructions that are needed to build the kit. (2 marks)

2. What action should you take if the central dial feels stiff after assembly? (2 marks)

3. Why is it important to lay the components out on a flat surface before you begin? (2 marks)

4. What might happen if you overtighten the silver screw? (2 marks)

5. Do you think these instructions are easy to follow? Justify your answer using examples from the text. (3 marks)

Draw: Draw a labelled diagram of the 'Fraction-Finder' kit based on Max's description, showing the base plate, the central dial, and the corner brackets.



Extension challenge: Rewrite the final step of the instructions to include a warning about safety and a tip on how to store the kit when it is not being used.