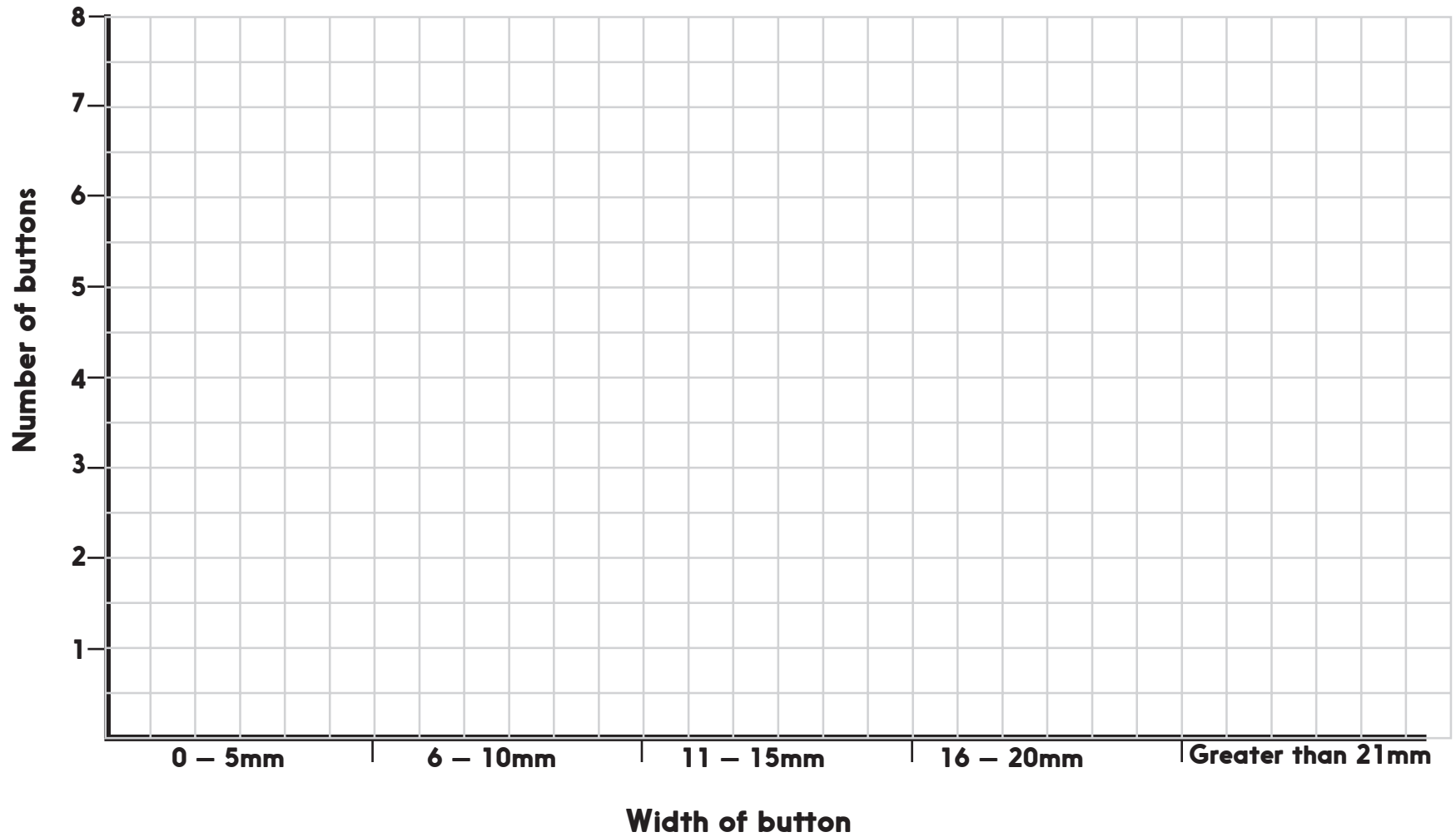


How wide are your buttons?

Sheet 1 continued



How wide are your buttons?

Sheet 2

Your teacher will give you a selection of 10 buttons. Measure the diameter of each button and record your results in the table.

Create a bar chart to show the button widths.

Label the vertical axis:

NUMBER OF BUTTONS.

Label the horizontal axis: BUTTON WIDTH.

Think of an appropriate scale, e.g. 0-5mm, 6-10mm, 11-15mm, etc.

Write some statements using the information shown on the bar chart, e.g. the most common width is between 6 and 11cm.

Button	Diameter (in mm)

Challenge

Choose 5 different sized buttons and see if you can work out how big the button hole would need to be for the button to pass through but not slip back out again. Use a piece of paper or fabric to test out your ideas.