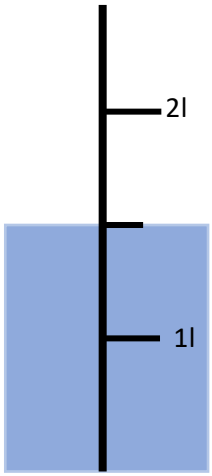
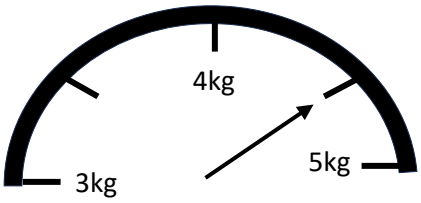
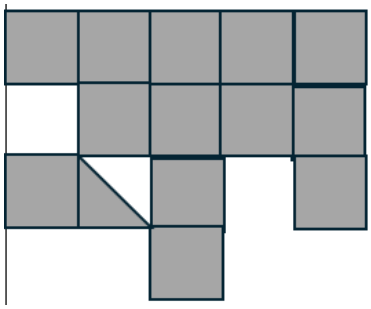
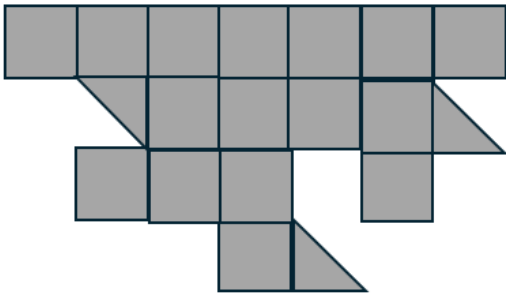
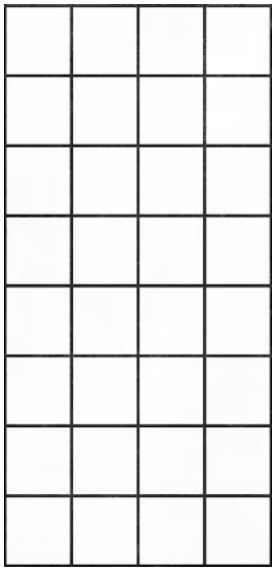
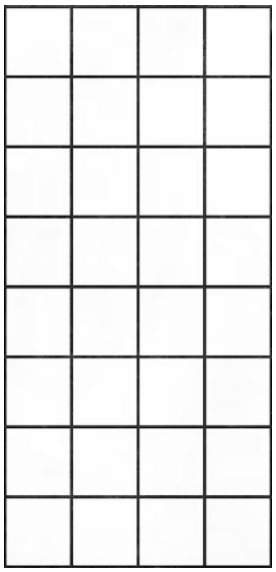
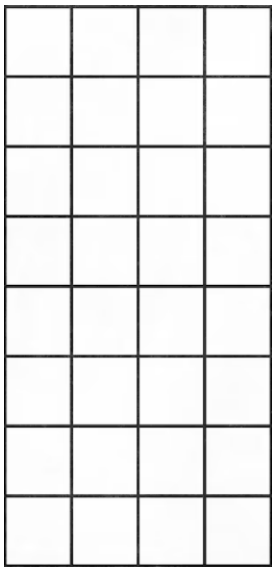
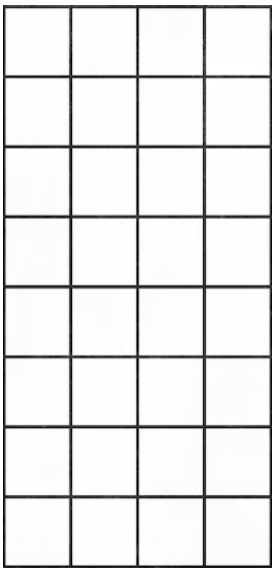
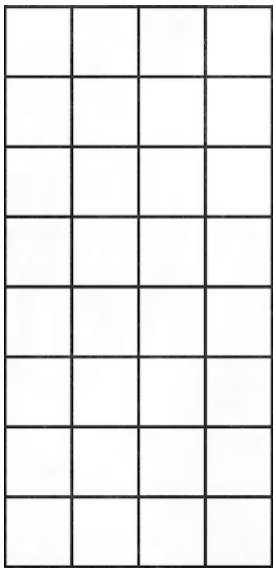
Phase 4 Measurement Assessment

Phase 4 Progression Overview	Assessment Note	Marks
• I can say that 1cm is 10mm, 1kg is 1000g, 1l is 1000ml and vice versa.	Question 1	
• I can use knowledge of everyday objects to provide reasonable estimates of length, height, mass and capacity.	Question 2	
• I can make accurate use of a range of instruments including rulers, metre sticks, digital scales and measuring jugs when measuring lengths, heights, mass and capacities using the most appropriate instrument for the task.	Have you observed your learners doing this?	
• I can record measurements of length, height, mass and capacity to the nearest standard unit. For example: mm, cm, g, kg, ml, l.	Have you observed your learners doing this?	
• I can compare measures with estimates.	Question 2 and 3	
• I can use knowledge of relationships between units of measure to make simple conversions. For example 1m 58cm = 158cm	Question 4	
• I can read a variety of scales on measuring devices, including those with simple fractions for example ½ litre.	Question 5	
• I can use square grids to estimate then measure the areas of a variety of simple 2D shapes to the nearest ½ square	Question 6 (Not included in the question) Have you observed your learners using estimation in class?	
• I can create shapes with a given area to the nearest half square using square tiles or grids.	Question 7	
• I can recognise that different shapes can have the same area (conversion of area	Question 8	

	Question	Mark
1	Fill in the following blanks.	
(a)	1 cm = _____ mm	**1**
(b)	100cm = _____m	**1**
(c)	1 kg = _____ g	**1**
(d)	1l = _____ml	**1**
2	Estimate the following and fill in the blanks. How wide is the classroom? _____m How tall is your table? _____cm How heavy is a chair? _____g What capacity does your water bottle have? _____ml	**1**

3	What unit of measure would you use to measure the following: The length of the table _____ The mass of an elephant _____ The capacity of a bath _____ The height of the school _____ The mass of a pencil _____	
4	Convert the following and fill in the blanks. 2l = _____ml 4kg = _____g 6m = _____cm 1m 68cm = _____cm 1l 750ml = _____ml 2kg 430g = _____g	**1**

5	For the following read the scale and fill in the answer in the space provided.	
	(a)  Answer:_____ (b)  Answer:_____	**1**
6	What is the area of each of these shapes in squares?  (a) Area = _____  (b) Area = _____	**1**

7	Use the diagrams below to create a shape with an area of: 16 squares  21 ½ squares 	**1**
8	Use the diagrams below to show 3 different shapes all with an area of 18 squares.   	**1**