

## WORKSHEET 1 – MEASURE AND CHECK (PART 1)

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**Name:**

**Date:**

### INSTRUCTIONS:

- Look at the object
  - Make a smart guess first
  - Measure it with a ruler
  - Tick the box if your guess was close
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#### 1. PENCIL

Estimate (cm): \_

Measured (cm): \_

My guess was close? ☐ Yes ☐ No

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#### 2. CRAYON

Estimate (cm): \_

Measured (cm): \_

My guess was close? ☐ Yes ☐ No

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#### 3. ERASER

Estimate (cm): \_

Measured (cm): \_

My guess was close? ☐ Yes ☐ No

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#### 4. BOOK

Estimate (cm): \_

Measured (cm): \_

My guess was close? ☐ Yes ☐ No

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#### 5. NOTEBOOK

Estimate (cm): \_

Measured (cm): \_

My guess was close? ☐ Yes ☐ No

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### COLOUR CHALLENGE

Circle the object you think was the SHORTEST:

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## WORKSHEET 2 – CM OR M?

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**Name:**

**Date:**

**INSTRUCTIONS:**

- Circle the best unit BEFORE you measure
  - Then write the measurement in cm or m
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**1. CLASSROOM DOOR**

Circle one: cm / m

Measurement: \_

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**2. TABLE**

Circle one: cm / m

Measurement: \_

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**3. WHITEBOARD**

Circle one: cm / m

Measurement: \_

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**4. BOOKSHELF**

Circle one: cm / m

Measurement: \_

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**5. WINDOW**

Circle one: cm / m

Measurement: \_

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**6. DESK**

Circle one: cm / m

Measurement: \_

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**THINK AND COLOUR**

Colour the box of the object that was closest to 1 metre:

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## WORKSHEET 3 – ESTIMATE, MEASURE, COMPARE

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**Name:**

**Date:**

### INSTRUCTIONS:

Estimate first, then measure. Work out the difference.

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#### 1. PENCIL

Estimate (cm): \_

Measured (cm): \_

Difference (cm): \_

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#### 2. BOOK

Estimate (cm): \_

Measured (cm): \_

Difference (cm): \_

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#### 3. NOTEBOOK

Estimate (cm): \_

Measured (cm): \_

Difference (cm): \_

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#### 4. DESK

Estimate (cm): \_

Measured (cm): \_

Difference (cm): \_

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#### 5. CHAIR

Estimate (cm): \_

Measured (cm): \_

Difference (cm): \_

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### REFLECTION

Were your estimates mostly too big or too small?

☐ Too big

☐ Too small

☐ A mix of both

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## WORKSHEET 4 – WHICH IS LONGER?

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**Name:**

**Date:**

**INSTRUCTIONS:**

Measure both objects. Write which is longer.

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**1. NOTEBOOK AND BOOK**

Measure notebook:

Measure book:

Which is LONGER? \_

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**2. DESK AND CHAIR**

Measure desk:

Measure chair: \_

Which is LONGER? \_

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**3. WINDOW AND DOOR**

Measure window:

Measure door:

Which is LONGER? \_

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**4. TABLE AND BOOKSHELF**

Measure table: \_

Measure bookshelf:

Which is LONGER? \_

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**5. MARKER AND CRAYON**

Measure marker:

Measure crayon:

Which is LONGER? \_

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**BONUS BOX**

Draw a smiley face beside the pair with the SMALLEST difference:

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## WORKSHEET 5 – MIXED MEASUREMENT CHALLENGE (PART 1)

Name: \_\_\_\_\_

Date: \_\_\_\_\_

### INSTRUCTIONS:

Use a ruler or tape measure. Write the measurement and unit.

1. PENCIL  
Length: \_
2. BOOK  
Length: \_
3. DESK  
Length: \_
4. WINDOW  
Length: \_
5. CHAIR  
Length: \_
6. MARKER  
Length: \_
7. TABLE  
Length: \_
8. CUPBOARD  
Length: \_
9. SCHOOL BAG  
Length: \_
10. WHITEBOARD  
Length: \_

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### FAST FINISHER

Longest item: \_\_\_\_\_

Shortest item: \_\_\_\_\_

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## WORKSHEET 6 – WORD PROBLEMS (PART 1)

Name:

Date:

### INSTRUCTIONS:

Solve each problem. Show your working if needed.

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1. A pencil is 17 cm long. A ruler is 23 cm long. How much longer is the ruler?

Answer:

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2. A classroom door is 2 m tall. How many centimetres is that?

Answer:

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3. A table is 120 cm long. A desk is 80 cm long. Which is longer and by how much?

Answer:

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4. A chair is 45 cm wide. Another chair is 50 cm wide. What is the difference?

Answer:

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5. A curtain is 1.5 m long. Convert this to centimetres.

Answer:

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6. A notebook is 28 cm tall. A textbook is 32 cm tall. Which is taller?

Answer:

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7. One crayon is 12 cm long. About how many crayons laid end to end make 1 metre?

Answer:

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8. A whiteboard is 150 cm wide. A poster is 75 cm wide. How many posters fit across the whiteboard?

Answer:

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9. A backpack is 40 cm tall. A school bag is 55 cm tall. Which is taller and by how much?

Answer:

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10. A ruler is 30 cm long. About how many rulers make 1 metre?

Answer:

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## PAGE 13: TEACHER ANSWER SHEET

### NOTE:

Answers for Worksheets 1–5 will vary because students are measuring real classroom objects.

### MARKING GUIDE FOR WORKSHEETS 1–5:

- Accept reasonable measurements
  - Allow a tolerance of about 1–2 cm where appropriate
  - Focus on correct unit choice and sensible measuring
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### WORKSHEET 6 ANSWERS:

1. 6 cm
  2. 200 cm
  3. Table, 40 cm longer
  4. 5 cm
  5. 150 cm
  6. Textbook
  7. About 8 crayons
  8. 2 posters
  9. School bag, 15 cm taller
  10. About 3 rulers
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### QUICK TEACHER CHECK:

100 cm = 1 m

1.5 m = 150 cm

1.2 m = 120 cm

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