

Worksheet 1 – Identify the Unit

Name: _____ Date: _____

Centimetres or Metres – Which Unit Do We Use?

Instructions: For each object below, write “cm” if it is short or “m” if it is long.

1. Pencil – _____
2. Ruler – _____
3. Classroom door – _____
4. Your height – _____
5. School hallway – _____
6. Book – _____
7. Tree – _____
8. Table – _____
9. Notebook – _____
10. Fence – _____
11. Eraser – _____
12. Chair – _____
13. Whiteboard – _____
14. Blackboard – _____
15. Water bottle – _____
16. Desk – _____
17. Classroom wall – _____
18. School bag – _____
19. Curtain – _____
20. Playground – _____
21. Marker – _____
22. Crayon – _____
23. Bookshelf – _____
24. Cupboard – _____
25. Classroom rug – _____
26. Door mat – _____
27. Window – _____
28. Road outside school – _____
29. Pencil box – _____
30. Flag pole – _____

WORKSHEET 2: Using a Tape Measure (Long Objects)

Estimate the Length

Instructions:

Estimate the length or height of each item using cm or m. Write your answer.

1. Your pencil 
2. Your backpack 
3. Classroom desk 
4. Door height 
5. Whiteboard width 
6. Height of a friend 
7. Tree in your garden 
8. Hallway length 
9. Table length 
10. Fence height 
11. Your notebook 
12. Your ruler 
13. Classroom window 
14. Your water bottle 
15. Blackboard width 
16. Classroom wall 
17. School bag handle 
18. Curtain length 
19. Classroom door width 
20. Chair height 
21. Playground length 
22. Flag pole IN
23. Classroom rug 
24. Teacher's desk 
25. Pencil box 
26. Road outside school 
27. School boundary wall 
28. Notice board 
29. Your height 
30. School gate 

WORKSHEET 3: Using Benchmarks

Name: _____ Date: _____

Instructions:

Use the following benchmarks to help you estimate:

Your friend ≈ 1.5 m 

Your ruler ≈ 30 cm 

Estimate the length or height of each item below.

1. Tree 
2. Classroom door 
3. Desk height 
4. Book 
5. Whiteboard width 
6. Hallway length 
7. Table height 
8. Small wall poster 
9. Fence 
10. Teacher's height 
11. Classroom window 
12. Blackboard height 
13. Chair height 
14. Cupboard height 
15. Notice board 
16. Playground slide 
17. Flag pole IN
18. Classroom wall 
19. School gate 
20. Curtain length 
21. Bookshelf height 
22. Classroom rug 
23. Student desk length 
24. Pencil 
25. Ruler 
26. Water bottle 
27. School bag 
28. Door width 
29. Table length 

30. Window height 

WORKSHEET 4: Comparing Lengths

Which is Taller / Longer? 🔍

Instructions:

Circle the object that is taller/longer.

1. Pencil 🖋️ or Ruler 📏
2. Desk 🪑 or Table 🪑
3. Friend 🧑 or Classroom door 🚪
4. Whiteboard 🖍️ or Hallway 🏠
5. Fence 🏠 or Small tree 🌳
6. Backpack 🎒 or Book 📖
7. Table 🪑 or Teacher 🧑
8. Notebook 📓 or Pencil 🖋️
9. Classroom door 🚪 or Hallway 🏠
10. Tree 🌳 or Friend 🧑
11. Eraser 🖍️ or Pencil 🖋️
12. Chair 🪑 or Desk 🪑
13. Window 🪟 or Door 🚪
14. Blackboard 🖍️ or Whiteboard 🖍️
15. Classroom rug 🧶 or Floor length 🏠
16. Marker 🖍️ or Crayon 🖍️
17. Ruler 📏 or Notebook 📓
18. Cupboard 🚪 or Bookshelf 📖
19. Flag pole 🚩 or Tree 🌳
20. School gate 🚧 or Classroom door 🚪
21. Pencil box 📦 or Backpack 🎒
22. Desk 🪑 or Chair 🪑
23. Fence 🏠 or Wall 🧱
24. Chalk tray 🖍️ or Blackboard 🖍️
25. Table 🪑 or Classroom rug 🧶
26. Notebook 📓 or Textbook 📖
27. Student desk 🪑 or Teacher's desk 🖍️
28. Window 🪟 or Curtain 🪟
29. School hallway 🏠 or Classroom 🚪
30. Friend 🧑 or Teacher 🧑

WORKSHEET 5: Word Problems – Estimating Lengths

Solve These Estimation Problems

Instructions:

Use estimation to answer the questions using cm or m.

1. Your friend is **1.5 m** tall. A tree is about **3 times taller**. How tall is the tree? 
2. A classroom door is **2 m** tall. About how many friends (1.5 m each) standing on top of each other would reach the top? 
3. A pencil is **18 cm** long. About how many pencils would cover **1 m**? 
4. A hallway is **12 m** long. About how many **1.5 m** steps would it take to walk it? 
5. A table is **1.2 m** long. Estimate its length in **centimetres**. 
6. A whiteboard is **1 m** tall. About how many rulers (**30 cm** each) would match its height? 
7. Your notebook is **25 cm** long. Estimate its length in **metres**. 
8. A fence is **1.5 m** tall. Your friend is also **1.5 m** tall. Who is taller, or are they the same height? 
9. The classroom is **10 m** long. Estimate how many friends (about **1.5 m** each) lying head-to-foot would fit. 
10. A tree is **6 m** tall. Estimate its height in **centimetres**. 
11. A chair is about **50 cm** tall. About how many chairs stacked would reach **2 m**? 
12. A school bag is **40 cm** tall. Estimate the height of **three** such bags stacked together. 
13. A desk is **1 m** wide. About how many **30 cm** rulers would fit across it? 
14. A classroom rug is **3 m** long. Estimate its length in **centimetres**. 
15. A pencil box is **20 cm** long. About how many pencil boxes make **1 m**? 
16. A window is **1.5 m** tall. Estimate its height in **centimetres**. 
17. A bookshelf is **2 m** tall. About how many friends (1.5 m tall) are needed to reach the top? 
18. A water bottle is **25 cm** tall. Estimate the height of **four** bottles stacked together. 
19. A classroom wall is **5 m** wide. About how many **1 m** tables would fit along it? 
20. A crayon is **10 cm** long. Estimate how many crayons placed end to end make **1 m**. 
21. A playground slide is **3 m** long. Estimate its length in **centimetres**. 
22. A door mat is **60 cm** long. Estimate its length in **metres**. 
23. A teacher is about **1.6 m** tall. A cupboard is **2 m** tall. About how much taller is the cupboard? 
24. A chalk tray is **90 cm** long. Estimate how many such trays make **3 m**. 
25. A classroom corridor is **15 m** long. Estimate how many friends (1.5 m each) could stand in a straight line. 

WORKSHEET 6: Mixed Estimation Challenge

Solve these measurement problems using a ruler or tape measure.

1. Your pencil  → ____ cm or m?
2. Book  → ____ cm or m?
3. Table  → ____ cm or m?
4. Classroom door  → ____ cm or m?
5. Hallway length  → ____ cm or m?
6. Small tree  → ____ cm or m?
7. Fence  → ____ cm or m?
8. Backpack  → ____ cm or m?
9. Friend's height  → ____ cm or m?
10. Whiteboard  → ____ cm or m?
11. Eraser  → ____ cm or m?
12. Ruler  → ____ cm or m?
13. Notebook  → ____ cm or m?
14. Chair  → ____ cm or m?
15. Desk  → ____ cm or m?
16. Classroom window  → ____ cm or m?
17. Blackboard  → ____ cm or m?
18. Cupboard  → ____ cm or m?
19. Bookshelf  → ____ cm or m?
20. Classroom wall  → ____ cm or m?
21. Marker  → ____ cm or m?
22. Crayon  → ____ cm or m?
23. Water bottle  → ____ cm or m?
24. Door mat  → ____ cm or m?
25. Classroom rug  → ____ cm or m?
26. Playground slide  → ____ cm or m?
27. Flag pole  → ____ cm or m?
28. School gate  → ____ cm or m?
29. Road outside school  → ____ cm or m?
30. Pencil box  → ____ cm or m?

Answer Sheet (All 6 Worksheets)

Worksheet 1:

1. cm
2. cm
3. m
4. m
5. m
6. cm
7. m
8. m
9. cm
10. m

Worksheet 2 (estimates – sample range):

1. 15–20 cm
2. 30–50 cm
3. 1–1.2 m
4. 2 m
5. 1.5–2 m
6. 1.4–1.6 m
7. 3–5 m
8. 10–12 m
9. 1–1.5 m
10. 1–1.2 m

Worksheet 3 (estimates using benchmarks):

1. ~4.5 m
2. ~2 m
3. ~0.7 m
4. ~25–30 cm
5. ~1.5 m
6. ~12 m
7. ~0.7–0.8 m
8. ~30–50 cm
9. ~1.5 m
10. ~1.7 m

Worksheet 4:

1. Ruler 
2. Table 
3. Classroom door 
4. Hallway 
5. Small tree 
6. Backpack 
7. Teacher 
8. Notebook 
9. Hallway 
10. Tree 

Worksheet 5:

1. 4.5 m
2. ~1.3 friends → round to 2
3. ~5–6 pencils
4. 8 steps
5. 120 cm
6. ~3 rulers
7. 0.25 m
8. Both same height
9. ~6–7 friends
10. 600 cm

Worksheet 6 (unit choice + estimate):

1. cm
2. cm
3. m
4. m
5. m
6. m
7. m
8. cm
9. m
10. m