

Use measurement tools (rulers, yardsticks, meter sticks, and measuring tapes) to measure items or distances of varying lengths, Practice Set C

Name:

Date:

1. Measure the distance from your desk to your teacher's desk



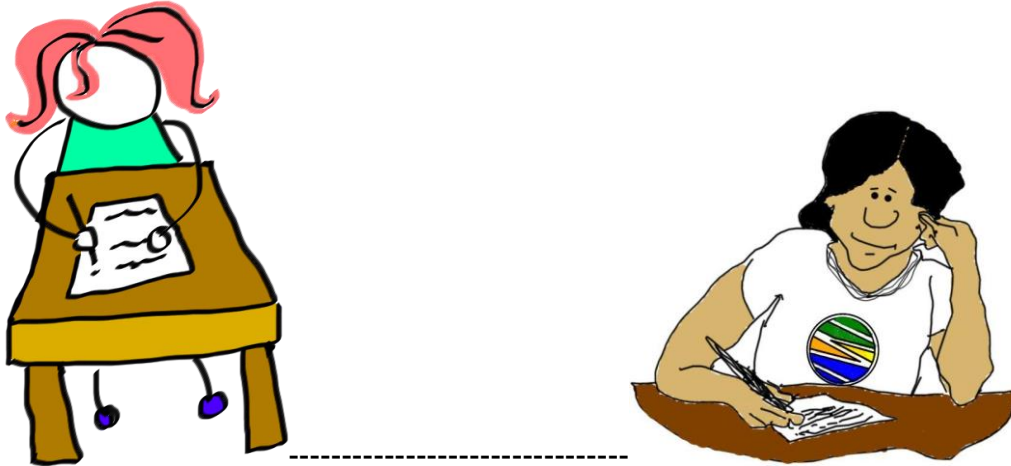
- a. Measure the distance in feet with a standard ruler. Record your work in words, numbers, or pictures.

- b. Measure the same distance in inches using a yardstick or measuring tape. Record your work in words, numbers, or pictures.

- c. Compare your measurements, were they the same, different, or equal?
Which tool and which unit was better for this task? Explain why.

Use measurement tools (rulers, yardsticks, meter sticks, and measuring tapes) to measure items or distances of varying lengths, Practice Set C **Answer Key**

1. Measure the distance from your desk to your teacher's desk.



- a. Measure the distance in feet with a standard ruler. Record your work in words, numbers, or pictures. *Answers will vary and may not be exact, this task is to give them the experience of measuring with different tools to discover how to pick the appropriate tool for the job.*



b. Measure the same distance in inches using a yardstick or measuring tape.

Record your work in words, numbers, or pictures. *This answer should be equivalent (feet to inches) to the answer given for A.*

c. Compare your measurements, were they the same, different, or equal?

Which tool and which unit was better for this task? Explain why. *The correct answer for this question are **Same** because the measure (inches to feet) are equivalent. Yardstick or measuring tape would be better for this task because it will not take as many iterations to reach the teacher's desk BUT there are many variables that could change this answer. Look for students to justify their answer and evidence that they measured correctly.*