

1. Estimate. About how long is the pencil?

- (A) about 1 cm
- (B) about 5 cm
- (C) about 10 cm
- (D) about 20 cm

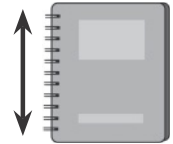


2. Draw a line from each estimate to a matching object.

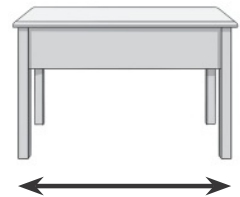
about 1 yard



about 1 foot



about 1 inch



3. Which units of measure would you need the most of to measure the length of a truck?

- (A) inches
- (B) feet
- (C) yards
- (D) all the same

4. Lisa measures the length of a stick with a tape measure. She says it measures 4. Is her answer precise? Explain.




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5. Use a ruler to measure each line to the nearest centimeter.

Which are about

4 centimeters long?

Choose all that apply.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

none of them

6. Use a ruler to measure the length of the crayon in inches. Which is the correct measurement?



(A) 1 inch

(B) 2 inches

(C) 3 inches

(D) 4 inches

7. Circle the unit you need fewer of to measure the height of a window.

meters

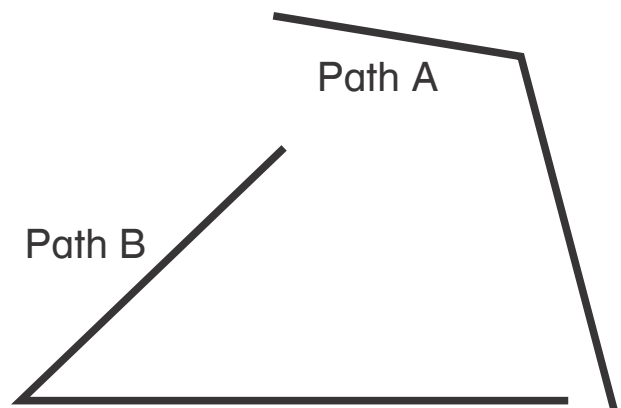
centimeters

Circle the unit you need fewer of to measure the height of a desk.

inches

feet

8. Use a ruler. Measure each path to the nearest inch.



Which path is shorter?

\_\_\_\_\_

How much shorter?

about \_\_\_\_\_ shorter

9. Use a ruler. Measure the length of the paper clip to the nearest centimeter. How long is the paper clip?



- (A) 2 centimeters
- (B) 3 centimeters
- (C) 4 centimeters
- (D) 5 centimeters

10. A path has two parts. The total length of the path is 23 inches. One part of the path is 8 inches long. How long is the other part?

- (A) 31 inches
- (B) 23 inches
- (C) 15 inches
- (D) 8 inches

11. Use a ruler. Measure each path to the nearest centimeter.

Path A



Path B



Which path is longer?

\_\_\_\_\_

How much longer?

about \_\_\_\_\_  
longer

12. Measure the gray line with tools you need to be precise. Choose all the measurements that are precise.



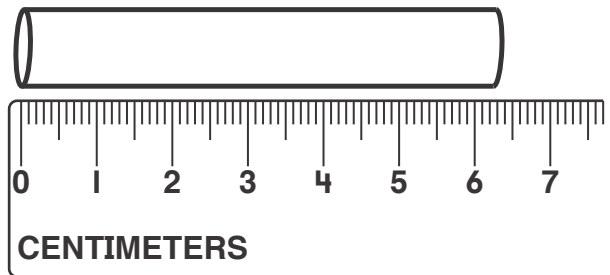
- 5 centimeters
- 5 inches
- 2
- 2 inches
- 2 feet

13. Ming uses different units to measure a baseball bat. Compare the measurements. Choose all that apply.



- fewer feet than yards
- more feet than yards
- fewer feet than inches
- more feet than inches
- fewer meters than centimeters
- more meters than centimeters

14. What is the length of the chalk to the nearest centimeter? What would be the combined length of two pieces of chalk?



The piece of chalk is \_\_\_\_\_ centimeters.

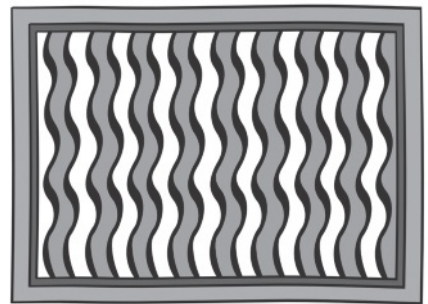
Two pieces of chalk would measure \_\_\_\_\_ centimeters.

15. Jamar's shoe is 1 foot long.

He uses 4 shoes to measure the length of a rug in his room.

About how long is the rug?

- 4 inches      4 feet      1 foot      4 yards
- (A)              (B)              (C)              (D)



16. Emily measured the length of a sofa in feet and in yards. Why is the number of yards less than the number of feet?

\_\_\_\_\_

\_\_\_\_\_



6 feet or 2 yards