

1. Estimate. About how long is the pencil? **1 point**

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

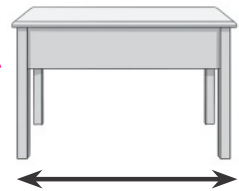
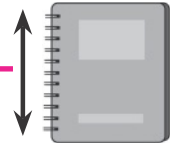


2. Draw a line from each estimate to a matching object. **1 point**

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? **1 point**

- (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. **2 points**



No; Sample answer:
She did not say if the
stick was 4 inches or
4 feet.

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

Which are about 4 centimeters long?

Choose all that apply.

1 point

none of them

6. Use a ruler to measure the length of the crayon in inches. Which is the correct measurement? 1 point



(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. 2 points

meters

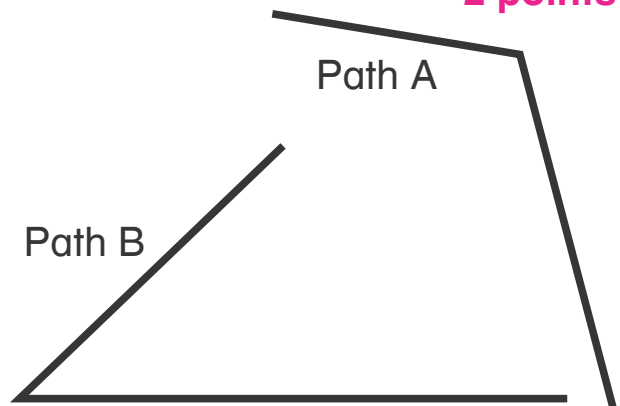
centimeters

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. 2 points



Which path is shorter?

Path A

How much shorter?

about 2 inches shorter

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

1 point



- (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?

1 point

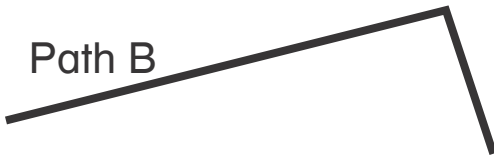
- (A) 31 inches
- (B) 23 inches
- (C) 15 inches
- (D) 8 inches

11. Use a ruler. Measure each path to the nearest centimeter. 2 points

Path A



Path B



Which path is longer?

Path B

How much longer?

about 3 centimeters
longer

12. Measure the gray line with tools you need to be precise. Choose all the measurements that are precise. 1 point



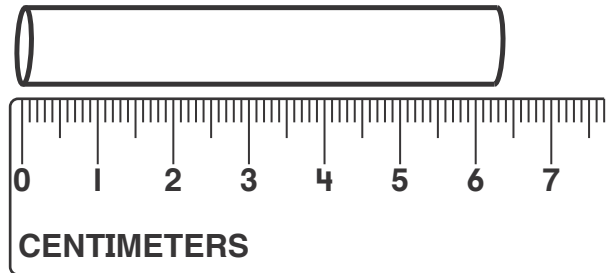
- 5 centimeters
- 5 inches
- 2
- 2 inches
- 2 feet

13. Ming uses different units to measure a baseball bat. Compare the measurements. Choose all that apply. **1 point**



- 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? **2 points**



The piece of chalk is 6 centimeters.

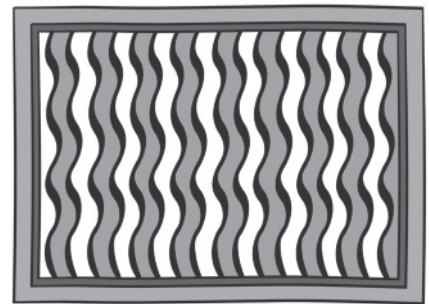
Two pieces of chalk would measure 12 centimeters.

15. Jamar's shoe is 1 foot long.

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

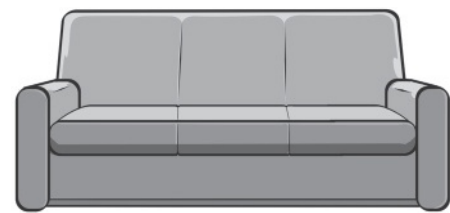
About how long is the rug? **1 point**

- 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? **1 point**

Sample answer: Feet are smaller. It takes more feet than yards.



6 feet or 2 yards