

Grade 4 - Measurement Units and Conversions - Test

Common Core 4.MD.A.1, 4.MD.A.2 · maths-pdf.fr/en/

Name: _____ Class: _____ Date: ____/____/____

This test has 8 questions worth 20 points. Allow 45 minutes. Show your work for the word problems. Write the unit with every answer. A calculator is not needed.

About this test

- Grade: Grade 4
- Chapter: Measurement Units and Conversions
- Standards: 4.MD.A.1, 4.MD.A.2
- Time: 45 minutes
- Total: 20 points

Question 1 - Long distances and masses [2 pts]

- Convert 6 km to meters. (1 point)
- Convert 4 kg to grams. (1 point)

Question 2 - Short lengths and liquids [2 pts]

- Convert 9 m to centimeters. (1 point)
- Convert 3 L to milliliters. (1 point)

Question 3 - Weight and seconds [2 pts]

- Convert 5 lb to ounces. (1 point)
- Convert 8 min to seconds. (1 point)

Question 4 - Mixed units [2 pts]

- Write 5 hr as minutes. (1 point)
- Write 2 m 8 cm as centimeters. (1 point)

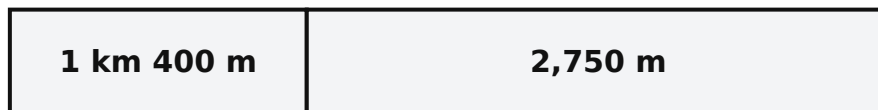
Question 5 - Compare measurements [3 pts]

Write $<$, $>$, or $=$ in each blank.

- a. 4 kg ____ 4,050 g (1 point)
- b. 3 min ____ 170 sec (1 point)
- c. 6 lb ____ 90 oz (1 point)

Question 6 - Walking route [3 pts]

Mei walks from school to the library, then to the park, as shown.



Walking route.

- a. How many meters does Mei walk in all? (2 points)
- b. Write the total as kilometers and meters. (1 point)

Question 7 - Juice cups [3 pts]

Aisha has a 3 L jug of juice. She fills 8 cups with 250 mL in each cup.

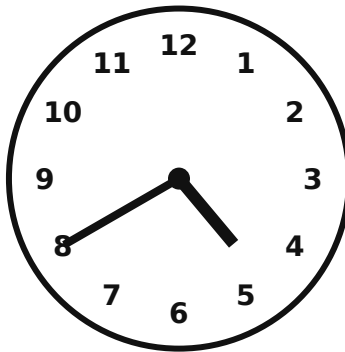


One jug and 8 cups.

- a. How many milliliters does she pour in all? (1 point)
- b. How many liters of juice are left in the jug? (2 points)

Question 8 - Tutoring session [3 pts]

Liam's tutoring starts at the time on the clock (PM) and lasts 1 hr 35 min.



Start time.

- a. How many minutes does the session last? (1 point)
- b. What time does it end? (2 points)