

Grade 3 - Time, Liquid Volume and Mass - Quiz

Common Core 3.MD.A.1, 3.MD.A.2 · maths-pdf.fr/en/

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

This **time measurement quiz** for 3rd Grade covers time, liquid volume and mass (Common Core 3.MD.A.1, 3.MD.A.2), with a free PDF to print.

Take this 10 question quiz on clocks, elapsed time, grams, kilograms and liters. Each question has one correct answer. Read the figures carefully, then check the short explanation after each question.

Grade 3 · Common Core State Standards: **3.MD.A.1, 3.MD.A.2**

Time measurement quiz: 10 questions

Questions

Question 1

What time does the clock show?

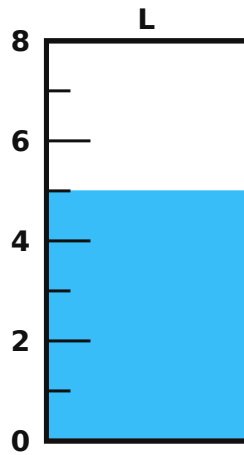


Quiz clock.

- A. 6:41
- B. 5:08
- C. 5:41
- D. 4:41

Question 2

How much water is in this beaker?

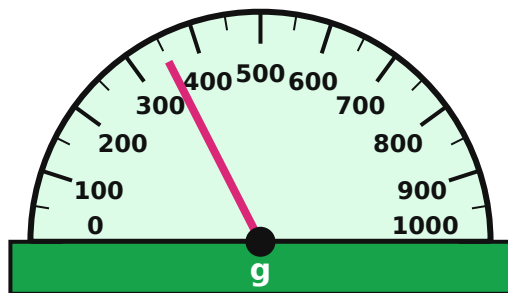


Quiz beaker.

- A. 4 L
- B. 6 L
- C. 50 L
- D. 5 L

Question 3

What mass does the scale show?



Quiz scale.

- A. 300 g
- B. 450 g
- C. 35 g
- D. 350 g

Question 4

A show starts at 6:15 and ends at 7:05. How long is the show?

- A. 60 minutes
- B. 110 minutes
- C. 50 minutes
- D. 40 minutes

Question 5

A class starts at 9:25 and lasts 50 minutes. What time does it end?

- A. 10:15
- B. 9:75
- C. 10:25
- D. 10:05

Question 6

Which is the best estimate for the mass of a pencil?

- A. 5 g
- B. 5 kg
- C. 50 kg
- D. 500 g

Question 7

Mia pours 36 L of juice equally into 9 jugs. How many liters are in each jug?

- A. 27 L
- B. 4 L
- C. 45 L
- D. 9 L

Question 8

A bag holds 15 kg of soil. Jamal uses 6 kg. How many kilograms are left?

- A. 21 kg
- B. 9 kg
- C. 8 kg
- D. 10 kg

Question 9

Lunch ended at 12:40 and lasted 25 minutes. When did lunch start?

- A. 12:15
- B. 1:05
- C. 12:25
- D. 12:05

Question 10

Priya makes 7 batches of soup. Each batch uses 3 L of broth. How many liters of broth does she use?

- A. 10 L

- B. 21 L
- C. 24 L
- D. 4 L

Answers

1. **C** – The minute hand is 1 mark past the 8 ($40 + 1 = 41$). The hour hand has not reached 6, so the hour is 5. Reading the nearest hour number gives the mistake 6:41.
2. **D** – The top of the water is on the unlabeled mark between 4 and 6, so it is 5 L.
3. **D** – The pointer is halfway between 300 and 400, which is 350. Reading only the nearest labeled number gives 300.
4. **C** – 6:15 to 7:00 is 45 minutes and 7:00 to 7:05 is 5 minutes, so 50 minutes. Subtracting the hours and minutes separately causes mistakes.
5. **A** – 9:25 plus 35 minutes is 10:00, and 15 more minutes is 10:15. There is no 75 in a clock hour.
6. **A** – A pencil is very light, so grams are the right unit. A mass of 5 kg is about the same as a large bag of dog food.
7. **B** – Equal sharing means divide: 36 divided by 9 is 4. Adding or subtracting would not share equally.
8. **B** – To find what is left, subtract: $15 - 6 = 9$. Adding gives 21.
9. **A** – Count back 25 minutes from 12:40. $40 - 25 = 15$, so lunch started at 12:15. Adding 25 gives the wrong answer 1:05.
10. **B** – Seven equal groups of 3 L: 7 times 3 is 21. Adding 7 and 3 gives 10.

Remember

Remember

- There are 60 minutes in 1 hour; count by 5s, then by 1s.
- Elapsed time = the jumps from start to end, added together.
- 1 kilogram = 1,000 grams.
- Liquid volume is measured in liters (L).
- Add, subtract, multiply, or divide measurements that use the same unit.

How to use this time measurement quiz

Answer each question, read the explanation that appears, and keep track of your score. A score of 8 out of 10 or more means you are ready for the test.

Download the time measurement quiz as a PDF with the button below and keep it with your notes.

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