

Grade 3 - Time, Liquid Volume and Mass - Test

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

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

This **time measurement test** 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.

This test checks time to the nearest minute, elapsed time, and measurement of mass and liquid volume. It has 9 questions worth 20 points. Show your work, include units, and finish in 45 minutes.

Time and points

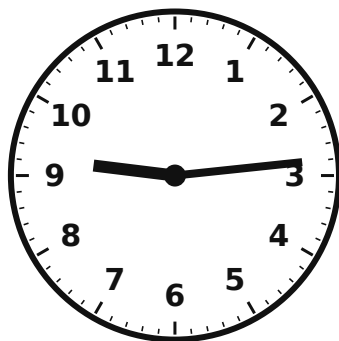
About this test

- Grade: Grade 3
- Chapter: Time, Liquid Volume and Mass
- Standards: 3.MD.A.1, 3.MD.A.2
- Time: 45 minutes
- Total: 20 points

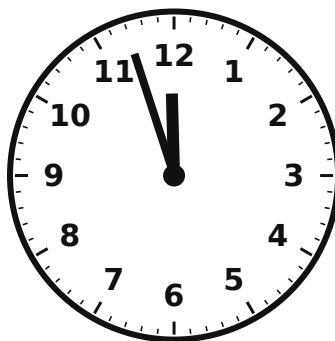
Time measurement test: questions

Question 1 - Read two clocks [2 pts]

Write the time shown on each clock.



Clock A

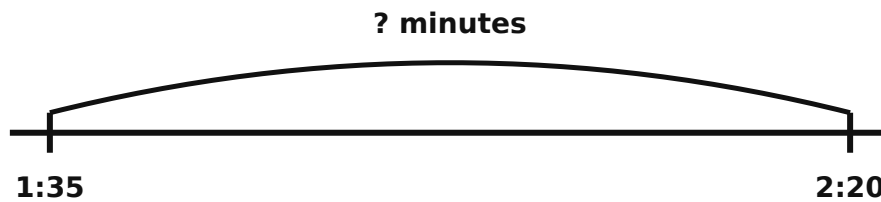


Clock B

Clock A and Clock B.

Question 2 - Elapsed time [2 pts]

Find the elapsed time from 1:35 P.M. to 2:20 P.M.



Start and end times.

Question 3 - Lesson end time [2 pts]

Dev's piano lesson starts at 3:50 P.M. and lasts 45 minutes. Write the time the lesson ends.

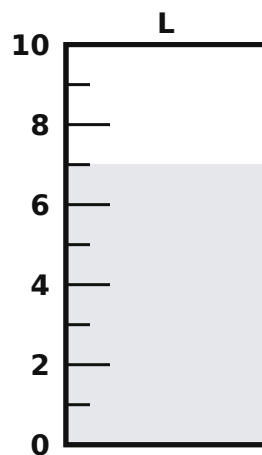
Question 4 - Choose the unit [2 pts]

Write g, kg, or L for the best unit to measure each.

- a. The mass of a raisin
- b. The water in a bucket

Question 5 - Read the beaker [2 pts]

A beaker has water as shown.



Beaker for Question 5.

- a. How many liters of water are in the beaker?
- b. Sofia pours in 2 more liters. How many liters are in the beaker now?

Question 6 - Mass of boxes [2 pts]

- A backpack has a mass of 8 kg. Jamal takes out a bundle of books with a mass of 3 kg. What is the mass of the backpack now?
- Four equal bags of potatoes have a total mass of 36 kg. What is the mass of one bag?

Question 7 - Science project [3 pts]

Diego starts a science project at 2:35 P.M. He works for 20 minutes, takes a 10-minute break, and then works for 25 more minutes.

- How many minutes pass from the start to the finish?
- What time does Diego finish?

Question 8 - Watering can [2 pts]

A watering can holds 5 L. Mei fills it 6 times to water a garden.

- How many liters of water does she use?
- A rain barrel has 45 L of water. After Mei fills the can 6 times from it, how many liters are left in the barrel?

Question 9 - Apples and pears [3 pts]

Sofia buys 3 bags of apples. Each bag has a mass of 4 kg. She also buys one bag of pears with a mass of 5 kg. Her cart can hold 20 kg.

- What is the total mass of the apples?
- What is the total mass of all the fruit?
- How many more kilograms can her cart hold?

Key facts behind this time measurement test

Key facts

- 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 test

Time yourself: the test is designed for an average student in 45 minutes. Answer the questions you are sure of first, then come back to the longer ones and check your units.