

Grade 3 - Time, Liquid Volume and Mass - Test Answer Key

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

This **time measurement test answers** 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 answer key gives a full solution and a scoring guide for each question of the time, mass and liquid volume test. Award partial credit where the guide allows it, and remember that a missing unit loses the final point.

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

Time measurement test answers: worked solutions

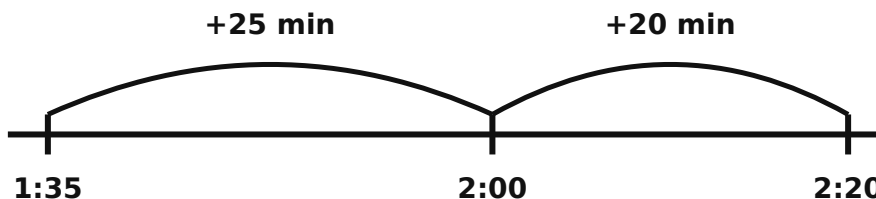
Question 1 - Read two clocks [2 pts]

- a. Clock A: the minute hand is 4 marks past the 2 ($2 \times 5 + 4 = 14$). The time is **9:14**.
- b. Clock B: the minute hand is 3 marks before the 12, so $60 - 3 = 57$. The hour hand is almost at 12 but still at 11. The time is **11:57**.

Scoring: 1 point for each correct time.

Question 2 - Elapsed time [2 pts]

1:35 to 2:00 is 25 minutes. 2:00 to 2:20 is 20 minutes. $25 + 20 = 45$. The elapsed time is **45 minutes**.



$$25 + 20 = 45 \text{ minutes.}$$

Scoring: 1 point for splitting the time into jumps. 1 point for 45 minutes.

Question 3 - Lesson end time [2 pts]

3:50 plus 10 minutes is 4:00. $45 - 10 = 35$ minutes remain, so the lesson ends at 4:35. **4:35 P.M.**

Scoring: 1 point for a correct method. 1 point for 4:35 P.M.

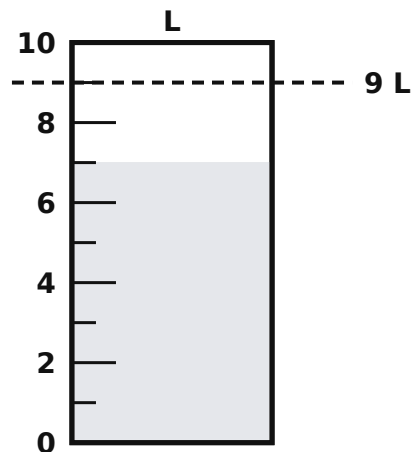
Question 4 - Choose the unit [2 pts]

- a. A raisin is very light: **g**.
- b. Water is a liquid, so its volume is measured in **L**.

Scoring: 1 point for each correct unit.

Question 5 - Read the beaker [2 pts]

- a. The water is at the 7 mark: **7 L**.
- b. $7 + 2 = 9$: **9 L**.



The dashed line shows the new level, 9 L.

Scoring: 1 point for each part.

Question 6 - Mass of boxes [2 pts]

- a. $8 - 3 = 5$. The mass is **5 kg**.
- b. $36 \div 4 = 9$. One bag has a mass of **9 kg**.

Scoring: 1 point for each part (0.5 for the right operation, 0.5 for the answer).

Question 7 - Science project [3 pts]

- a. $20+10+25=55$. **55 minutes** pass.
b. 2:35 plus 25 minutes is 3:00. $55-25=30$ more minutes gives 3:30. Diego finishes at **3:30 P.M.**

Scoring: 1 point for part a. 2 points for part b (1 for the method, 1 for 3:30 P.M.).

Question 8 - Watering can [2 pts]

- a. $6 \times 5 = 30$. She uses **30 L**.
b. $45-30=15$. **15 L** are left.

Scoring: 1 point for each part.

Question 9 - Apples and pears [3 pts]

- a. $3 \times 4 = 12$. **12 kg**.
b. $12+5=17$. **17 kg**.
c. $20-17=3$. **3 kg** more.

Scoring: 1 point for each part.

Total score

Total

20 points

Key facts behind this time measurement test answers
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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 answers

Score your test with the point values shown for each question. Then read the worked solution of every question where you lost points and note the method to review.