



Time & Schedules Quest

Name: _____

Grade: 4

Date: _____

Read clocks, calculate elapsed time, interpret timetables, and plan a day. Show work where needed.

Part 1 · Read & Write Times READ

1. Write "quarter past 3" in digital form: _____

2. Write "half past 7" in digital form: _____

3. 4:45 is also called "quarter ____ 5." Fill blank. _____

4. 11:30 AM is how many minutes after 11:00 AM? _____

5. 6:05 PM is how many minutes before 6:30 PM? _____

6. If a show starts at 8:00 PM and you arrive at 7:52 PM, how early (minutes)? _____

Part 2 · Basic Elapsed Time ELAPSED

7. Start 2:15 PM, end 3:00 PM → elapsed _____

8. Start 9:40 AM, end 10:05 AM → elapsed _____

9. Start 1:10 PM, add 35 min → finish _____

10. Start 7:25 AM, add 50 min → finish _____

11. Start 4:55 PM, end 5:40 PM → elapsed _____

12. Start 11:10 AM, add 1 h 15 min → finish _____

Strategy: Count minutes to next hour, then add remaining hours/minutes.

Part 3 · Mini Timetable

TABLE

Bus Stop	Route A	Route B	Route C
Central	8:05	8:15	8:20
Library	8:17	8:28	8:32
Park	8:30	8:41	8:45
Museum	8:44	8:55	8:59

13. Which route leaves Central earliest? _____

14. How many minutes from Central to Park on Route A? _____

15. Which route arrives at Museum last? _____

16. Route B: Library (8:28) to Museum (8:55) = _____ minutes

17. Route C total time Central (8:20) to Museum (8:59) = _____ min

18. If you need to be at Library by 8:25, which route(s) work? _____

Part 4 · Daily Schedule Planning

PLAN

19. Homework: 4:10–4:35 PM. Length? _____

20. Snack 10 min. If it ends 4:45 PM, start time? _____

21. Reading starts 4:50 PM, lasts 25 min. End time? _____

22. Practice 5:30–6:05 PM. Length? _____

23. Between homework end (4:35) and reading start (4:50) is a break of _____ min

24. Total study time if homework + reading + practice? _____ min

Part 5 · Mixed Word Problems

WORD

25. A movie starts 1:25 PM and lasts 1 h 45 min. Ending time? _____

26. A train trip begins 9:55 AM and ends 11:20 AM. Elapsed? _____

27. A baking timer set for 42 min rings at 3:07 PM. When was it set? _____

28. A swimmer does 4 laps taking 2 min each, starting 10:18 AM. Finish time? _____

29. A class starts 12:40 PM and ends 1:25 PM. Midpoint time? (exact minute) _____

30. A flight 2 h 25 min departs 6:55 AM. Landing time? _____

Part 6 · Reasoning & Reflection

THINK

31. Which is longer: 90 min or 1 h 20 min? _____

32. TRUE/FALSE: Adding 50 min to 9:30 AM gives 10:10 AM. _____

33. Which is earlier: 12:05 PM or 11:58 AM? _____

34. 75 min = _____ h _____ min

35. You start a 30-min show at 7:47 PM; does it finish before 8:20 PM? (Yes/No) _____

36. Reflection: Easiest time skill today? (reading / elapsed / planning) _____

Reflection (#36) is open—any sensible answer accepted.

Answer Key

1. 3:15
2. 7:30
3. to
4. 30
5. 25
6. 8
7. 45 min
8. 25 min
9. 1:45 PM
10. 8:15 AM
11. 45 min
12. 12:25 PM
13. Route A
14. 25 (8:05→8:30)
15. Route C
16. 27
17. 39
18. Route A (8:17), Route C (8:32 too late) so Route A only
19. 25 min
20. 4:35 PM
21. 5:15 PM
22. 35 min
23. 15
24. $25+25+35=85$ min
25. 3:10 PM ($1:25+1\text{h}45\text{m}=3:10$)
26. 1 h 25 min
27. 2:25 PM (3:07-0:42)
28. 10:26 AM
29. 1:02 PM (45 min after 12:40)
30. 9:20 AM
31. 90 min
32. True
33. 11:58 AM
34. 1 h 15 min
35. Yes (ends 8:17 PM)
36. Varies

Clarifications: #18 Only Route A arrives by 8:25 at Library. #29 Half of 45 min = 22.5 min $\rightarrow$ 12:40 + 22.5 = 1:02 PM (accept 1:02). #24 total: homework(25)+reading(25)+practice(35).