Worksheet 25

Year 3 Mathematics — Australian Curriculum v9.0
Subtopic: Estimate and Compare Duration Using Formal Units

Name: _____   **Date:** _____

Score: _____ / 30

Section 1: Fluency — Choosing Units (Questions 1–10)

Instructions: Circle or write the best unit to measure each activity.

Question 1: Circle the best unit to measure brushing your teeth:
Options: Seconds   Minutes   Hours

Answer: _____

Question 2: Circle the best unit to measure watching a movie:
Options: Seconds   Minutes   Hours

Answer: _____

Question 3: Circle the best unit to measure a blink of an eye:
Options: Seconds   Minutes   Hours

Answer: _____

Question 4: Circle the best unit to measure sleeping at night:
Options: Seconds   Minutes   Hours

Answer: _____

Question 5: Circle the best unit to measure eating lunch:
Options: Seconds   Minutes   Hours

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Answer: _____

Question 6: Would you measure a school day in minutes or hours?

Answer: _____

Question 7: Would you measure washing your hands in seconds or hours?

Answer: _____

Question 8: Circle the best unit to measure a TV commercial:
Options: Seconds   Minutes   Hours

Answer: _____

Question 9: Circle the best unit to measure a plane flight to another city:
Options: Seconds   Minutes   Hours

Answer: _____

Question 10: Would you measure tying your shoelaces in seconds or minutes?

Answer: _____

Good Job!
Why did the girl sit on the clock? To be on time!

Section 2: Reasoning — Estimating Duration (Questions 11–20)

Instructions: Estimate and answer questions about duration.

Question 11: Estimate: How many times can you clap in 10 seconds? Try it!

Answer: _____

Question 12: Does it take longer to eat an apple or walk to school?

Answer: _____

Question 13: About how long does it take to write your name? (seconds or minutes?)

Answer: _____

Question 14: Which takes longer: Reading a book or reading one page?

Answer: _____

Question 15: Look at this stopwatch. How much time is shown?

30 seconds

Answer: _____

Question 16: Estimate: How long does it take to brush your teeth properly?

Answer: _____

Question 17: Which is a better estimate for recess time: 20 minutes or 2 hours?

Answer: _____

Question 18: About how long is your favourite cartoon show?

Answer: _____

Question 19: Does it take longer to snap your fingers or count to 10?

Answer: _____

Question 20: How many seconds are in 1 minute?

Answer: _____

Good Job!
What did the clock do when it was hungry? It went back four seconds!

Section 3: Challenge — Comparing Time (Questions 21–30)

Instructions: Compare durations and solve time problems.

Question 21: Which is longer: 1 hour or 90 minutes?

Answer: _____

Question 22: Sarah studied for 1 hour. Tom studied for 50 minutes. Who studied longer?

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Answer: _____

Question 23: How many minutes are in 1 hour?

Answer: _____

Question 24: Which is shorter: 30 seconds or 1 minute?

Answer: _____

Question 25: A movie is 2 hours long. How many minutes is that?

Answer: _____

Question 26: Compare: 100 seconds or 2 minutes. Which is longer?

Answer: _____

Question 27: Look at these time bars. Which activity takes longer?

Activity A: 30 minutes

Activity B: 20 minutes

Answer: _____

Question 28: If school starts at 9:00 and ends at 3:00, how many hours is that?

Answer: _____

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Question 29: Which is longer: Half an hour or 45 minutes?

Answer: _____

Question 30: Ben plays for 15 minutes, then 15 minutes more. How long in total?

Answer: _____

Good Job!

Why did the clock get in trouble at school? It tocked too much!

Excellent Work! You've completed Worksheet 25!

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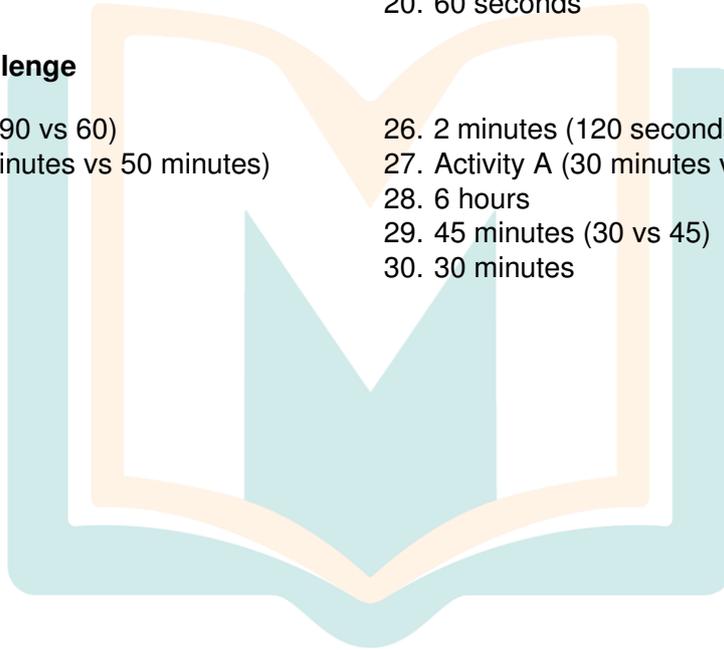# Answer Key — Worksheet 25

Year 3 Mathematics

Section 1: Fluency
1. Minutes
2. Hours (or Minutes acceptable)
3. Seconds
4. Hours
5. Minutes
6. Hours
7. Seconds
8. Seconds
9. Hours
10. Seconds

Section 2: Reasoning
11. Answers vary (typically 15–25 claps)
12. Walk to school
13. Seconds
14. Reading a book
15. 30 seconds
16. About 2 minutes (answers vary)
17. 20 minutes
18. Answers vary (typically 20–30 minutes)
19. Count to 10
20. 60 seconds

Section 3: Challenge

21. 90 minutes (90 vs 60)
22. Sarah (60 minutes vs 50 minutes)
23. 60 minutes
24. 30 seconds
25. 120 minutes
26. 2 minutes (120 seconds vs 100 seconds)
27. Activity A (30 minutes vs 20 minutes)
28. 6 hours
29. 45 minutes (30 vs 45)
30. 30 minutes

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Worksheet 26

Year 3 Mathematics — Australian Curriculum v9.0
Subtopic: Estimate and Compare Duration Using Formal Units

Name: _____   **Date:** _____

Score: _____ / 30

Section 1: Fluency — Time Facts (Questions 1–10)

Instructions: Answer questions about days, weeks, months, and years.

Question 1: How many days are in 1 week?

Answer: _____

Question 2: How many months are in 1 year?

Answer: _____

Question 3: How many hours are in 1 day?

Answer: _____

Question 4: Name the days of the week in order.

Answer: _____

Question 5: Which month comes after June?

Answer: _____

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Question 6: How many days are in the month of February (non-leap year)?

Answer: _____

Question 7: Which is longer: 1 week or 10 days?

Answer: _____

Question 8: How many weeks are in 14 days?

Answer: _____

Question 9: What month is your birthday? How many days does it have?

Answer: _____

Question 10: True or False: All months have 30 days.

Answer: _____

> **Good Job!**
> Why did the calendar get worried? Its days were numbered!

Section 2: Reasoning — Calendars (Questions 11–20)

Instructions: Use the calendar to answer questions.

Question 11: Look at this calendar for March. What day of the week is March 1st?

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March

Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Answer: _____

Question 12: Circle the second Tuesday on the calendar above. What is the date?

Answer: _____

Question 13: How many Saturdays are in this March?

Answer: _____

Question 14: If today is Friday, March 5th, what day will it be in 3 days?

Answer: _____

Question 15: What date is the last day of March?

Answer: _____

Question 16: If today is March 10th, what date will it be in 1 week?

Answer: _____

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Question 17: How many days are from March 1st to March 15th? (including both days)

Answer: _____

Question 18: Which day of the week is March 20th?

Answer: _____

Question 19: If your birthday is on March 25th, what day of the week is it?

Answer: _____

Question 20: How many complete weeks are in March?

Answer: _____

> **Good Job!**
>
> What's a calendar's favourite type of music? Date night classics!

Section 3: Challenge — Longer Durations (Questions 21–30)

Instructions: Solve problems about longer periods of time.

Question 21: It is 2 weeks until your birthday. How many days is that?

Answer: _____

Question 22: Which is shorter: 1 year or 10 months?

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Answer: _____

Question 23: How many days are in 3 weeks?

Answer: _____

Question 24: School holidays are 6 weeks long. About how many days is that?

Answer: _____

Question 25: Which is longer: 30 days or 1 month?

Answer: _____

Question 26: Compare these durations. Which event takes longer?

Summer: | 3 months |

Term 1: | 10 weeks |

Answer: _____

Question 27: If today is January 10th, what month will it be in 2 months?

Answer: _____

Question 28: How many months have 31 days?

Answer: _____

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Question 29: A baby is 8 months old. How many more months until their first birthday?

Answer: _____

Question 30: You practice piano for 15 minutes each day. How many minutes in 1 week?

Answer: _____

Good Job!

Why do months never fight? Because they always make up by the end of the year!

Fantastic! You've completed Worksheet 26!

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Answer Key — Worksheet 26

Year 3 Mathematics

Section 1: Fluency
1. 7 days
2. 12 months
3. 24 hours
4. Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday
5. July
6. 28 days (or 29 in leap year)
7. 10 days
8. 2 weeks
9. Answers vary (check month days)
10. False

Section 2: Reasoning
11. Monday
12. March 9th (second Tuesday)
13. 5 Saturdays
14. Monday, March 8th
15. March 31st
16. March 17th
17. 15 days
18. Saturday
19. Thursday
20. 4 complete weeks (with extra days)

Section 3: Challenge

21. 14 days
22. 10 months
23. 21 days
24. 42 days
25. About the same (most months have 30 or 31 days)

26. Summer (3 months is about 12 weeks)
27. March
28. 7 months (Jan, Mar, May, Jul, Aug, Oct, Dec)
29. 4 months
30. 105 minutes ($15 \times 7 = 105$)

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