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|  | | Problem Solving Time! | Set A 01 | |
|  | Our school day starts at 8:45, when the minute hand is on the …? | | |  |
|  | First lesson starts at 9 o’clock when the minute hand is on the …? | | |  |
|  | Art starts at 9:50 when the minute hand is on the …? | | |  |
|  | Art starts when the hour hand is closest to the …? | | |  |
|  | Recess starts at 10:30 and goes for 25 minutes. At the end of recess the minute hand is on the …? | | |  |
|  | Music starts at 12:00. At 12:00 the 2 hands are on the …? | | |  |
|  | Lunch finishes when the hour hand is near the 2 and the minute hand is on the 9. How far away from 2 o’clock is this? | | |  |
|  | Sport lasts for 30 minutes and starts at 2:30. At the end of sport the minute hand is on the …? | | |  |
|  | The last bell for the school day rings at 3:20. At this time, the minute hand is on the …? | | |  |
|  | I get home at 4:15. At this time the minute hand is on the …? | | |  |

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|  | | Problem Solving Time! | Set A 02 | |
|  | My footy match started at 2:40. How far away from 3 o’clock is this? | | |  |
|  | The footy match ended at 4:10. How long after 4 o’clock is this? | | |  |
|  | I left the ground a quarter of an hour after the match. I left at…? | | |  |
|  | How far away from 4.30 did I leave the ground? | | |  |
|  | I get home from the game at a quarter to 5. What did my digital clock look like at this time? | | |  |
|  | My favourite TV show starts at 5:15 and runs for 30 minutes. It ends at…? | | |  |
|  | Dinner usually starts at 5.55 and finishes at 6:10. Dinner takes …? minutes to eat. | | |  |
|  | At 7 o’clock I like to read for about 40 minutes. How far from 8 o’clock to I stop reading? | | |  |
|  | At 8 o’clock I get ready for bed and I am usually asleep by 8:35. This is …? minutes from 9 o’clock. | | |  |
|  | I normally wake up at about 7:40. This can be said to be …? minutes to 8 o’clock | | |  |

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|  | | Problem Solving Time! | Set A 03 | |
|  | How many months in a year? | | |  |
|  | How many days in a leap year? | | |  |
|  | The year is split up into 4 …? each lasting 3 months. | | |  |
|  | Half a minute lasts for how many seconds? | | |  |
|  | A fortnight equals …? weeks. | | |  |
|  | Spring starts with the month of …? | | |  |
|  | Summer ends in the month of …? | | |  |
|  | Winter begins in …? | | |  |
|  | Autumn lasts for ...? months. | | |  |
|  | 2 fortnights equals …? days. | | |  |

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|  | | Problem Solving Time! | Set A 04 | |
|  | On my 10th birthday I will have lived for …? months. | | |  |
|  | The footy finals are in September. This is in the season of …? | | |  |
|  | ANZAC Day is in April in the season of…? | | |  |
|  | The Olympics started on August 14th and ended on August 28th. That’s …? days. | | |  |
|  | The Olympics lasted for …? weeks. | | |  |
|  | My birthday is in February. This is in the season of …? | | |  |
|  | December 25th is Christmas Day. This is …? days before the end of the month. | | |  |
|  | Year 3 lasts for …? terms. | | |  |
|  | I am 9. My sister is 7 and we were born on the same day of the year. I am …? months older than her. | | |  |
|  | When I am 10, I will have lived for …? weeks. | | |  |

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|  | | Problem Solving Time! | Set B 01 | |
|  | The marathon lasted for 2 hours and 10 minutes, or …? minutes. | | |  |
|  | Which is the only month that can last for exactly 2 fortnights? | | |  |
|  | I am 10 and so I must have lived for …? months. | | |  |
|  | A 1½ hour movie lasts for …? minutes. | | |  |
|  | Spring contains the months of …? …? and …? | | |  |
|  | The last month of autumn is …? | | |  |
|  | I earn $10 a week in pocket money. In a year I earn …? | | |  |
|  | Year 1 to Year 4 has …? terms. | | |  |
|  | The 40 hours lasts for 1 day and …? hours. | | |  |
|  | I sleep for 8 hours a night in …? days this will equal a whole day of sleep. | | |  |

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|  | | Problem Solving Time! | Set B 02 | |
|  | I started running at 11:05 and finished at half past 11. I ran for …? minutes. | | |  |
|  | My favourite half-hour TV show started at 4:35. It finished at …? | | |  |
|  | The first quarter started at 2:10 and lasted for 30 minutes. It ended at …? | | |  |
|  | I read for a quarter of an hour, starting at 7.50. I finished at …? | | |  |
|  | Adelaide is ½ an hour behind Sydney. In Sydney it’s 12:15. In Adelaide it is …? | | |  |
|  | 20 minutes ago it was 10 to 3. It’s now …? | | |  |
|  | The marathon lasted for 2 hours and 10 minutes, starting at 10:00 and finishing at …? | | |  |
|  | My 5-minute shower ended at 8:22. It started at …? | | |  |
|  | Lunch starts at 12:05 and lasts for 35 minutes. Lunch ends at …? | | |  |
|  | Our clock shows 6:11, but is 7 minutes fast. The actual time is …? | | |  |

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|  | | Problem Solving Time! | Set C 01 | |
|  | The CD I played started at 10:20 and lasted for 70 minutes. It finished at …? | | |  |
|  | School lasts for 7 hours, starting at 8:40am and ending at…? | | |  |
|  | Is 12:00am noon or midnight? | | |  |
|  | I flew north for 3 hours, staring at 11:30pm and landing at …? | | |  |
|  | The game started at 12 minutes to 5 or, digitally, at …? | | |  |
|  | The 90-minute movie began at 9:34 and finished at …? | | |  |
|  | Suva is 2 hours ahead of Sydney, where it is currently 11:55am. In Suva is currently …? | | |  |
|  | New York is 12 hours behind Sydney. In New York it is 9pm and in Sydney it is …? | | |  |
|  | I must record a TV show at 1:35pm which is 25 to 2 in the …? | | |  |
|  | Breakfast lasted from 8:55 until 12 past 9 which was …? minutes. | | |  |

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|  | | Problem Solving Time! | Set C 02 | |
|  | How many minutes from 7:55 to 8:05? | | |  |
|  | How many minutes from 12:20 to 1:00? | | |  |
|  | How many minutes from 3:55 to 5:05? | | |  |
|  | How many minutes from 8:12 to 10:12? | | |  |
|  | How many minutes from 6:14 to 7:13? | | |  |
|  | How many minutes from 2:24 to 3:25? | | |  |
|  | How many minutes from 9:40 to 11:00? | | |  |
|  | How many minutes from 8:20 to 10:05? | | |  |
|  | How many minutes from 5:55 to 7:05? | | |  |
|  | How many minutes from 4:46 to 5:06? | | |  |

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|  | | Problem Solving Time! Answers | Set A 01 | |
| 1. | Our school day starts at 8:45, when the minute hand is on the …? | | | 9 |
| 2. | First lesson starts at 9 o’clock when the minute hand is on the …? | | | 12 |
| 3. | Art starts at 9:50 when the minute hand is on the …? | | | 10 |
| 4. | Art starts when the hour hand is closest to the …? | | | 10 |
| 5. | Recess starts at 10:30 and goes for 25 minutes. At the end of recess the minute hand is on the …? | | | 11 |
| 6. | Music starts at 12:00. At 12:00 the 2 hands are on the …? | | | 12 |
| 7. | Lunch finishes when the hour hand is near the 2 and the minute hand is on the 9. How far away from 2 o’clock is this? | | | 15 mins |
| 8. | Sport lasts for 30 minutes and starts at 2:30. At the end of sport the minute hand is on the …? | | | 12 |
| 9. | The last bell for the school day rings at 3:20. At this time, the minute hand is on the …? | | | 4 |
| 10. | I get home at 4:15. At this time the minute hand is on the …? | | | 3 |

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|  | | Problem Solving Time! Answers | Set A 02 | |
| 1. | My footy match started at 2:40. How far away from 3 o’clock is this? | | | 20 mins |
| 2. | The footy match ended at 4:10. How long after 4 o’clock is this? | | | 10 mins |
| 3. | I left the ground a quarter of an hour after the match. I left at…? | | | 4:25 |
| 4. | How far away from 4.30 did I leave the ground? | | | 5 mins |
| 5. | I get home from the game at a quarter to 5. What did my digital clock look like at this time? | | | 4:45 |
| 6. | My favourite TV show starts at 5:15 and runs for 30 minutes. It ends at…? | | | 5:45 |
| 7. | Dinner usually starts at 5.55 and finishes at 6:10. Dinner takes …? minutes to eat. | | | 15 |
| 8. | At 7 o’clock I like to read for about 40 minutes. How far from 8 o’clock do I stop reading? | | | 20 mins |
| 9. | At 8 o’clock I get ready for bed and I am usually asleep by 8:35. This is …? minutes from 9 o’clock. | | | 25 |
| 10. | I normally wake up at about 7:40. This can be said to be …? minutes to 8 o’clock | | | 20 |

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|  | | Problem Solving Time! Answers | Set A 03 | |
| 1. | How many months in a year? | | | 12 |
| 2. | How many days in a leap year? | | | 366 |
| 3. | The year is split up into 4 …? each lasting 3 months. | | | seasons |
| 4. | Half a minute lasts for how many seconds? | | | 30 |
| 5. | A fortnight equals …? weeks. | | | 2 |
| 6. | Spring starts with the month of …? | | | September |
| 7. | Summer ends in the month of …? | | | February |
| 8. | Winter begins in …? | | | June |
| 9. | Autumn lasts for ...? months. | | | 3 |
| 10. | 2 fortnights equals …? days. | | | 28 |

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|  | | Problem Solving Time! Answers | Set A 04 | |
| 1. | On my 10th birthday I will have lived for …? months. | | | 120 |
| 2. | The footy finals are in September. This is in the season of …? | | | Spring |
| 3. | ANZAC Day is in April in the season of…? | | | Autumn |
| 4. | The Olympics started on August 14th and ended on August 28th. That’s …? days. | | | 14 |
| 5. | The Olympics lasted for …? weeks. | | | 2 |
| 6. | My birthday is in February. This is in the season of …? | | | Summer |
| 7. | December 25th is Christmas Day. This is …? days before the end of the month. | | | 6 |
| 8. | Year 3 lasts for …? terms. | | | 4 |
| 9. | I am 9. My sister is 7 and we were born on the same day of the year. I am …? months older than her. | | | 24 |
| 10. | When I am 10, I will have lived for …? weeks. | | | 520 |

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|  | | Problem Solving Time! Answers | Set B 01 | |
| 1. | The marathon lasted for 2 hours and 10 minutes, or …? minutes. | | | 130 |
| 2. | Which is the only month that can last for exactly 2 fortnights? | | | February |
| 3. | I am 10 and so I must have lived for …? months. | | | 120 |
| 4. | A 1½ hour movie lasts for …? minutes. | | | 90 |
| 5. | Spring contains the months of …? …? and …? | | | September, October, November |
| 6. | The last month of autumn is …? | | | May |
| 7. | I earn $10 a week in pocket money. In a year I earn …? | | | $520 |
| 8. | Year 1 to Year 4 has …? terms. | | | 16 |
| 9. | The 40 hours lasts for 1 day and …? hours. | | | 16 |
| 10. | I sleep for 8 hours a night in …? days this will equal a whole day of sleep. | | | 3 |

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|  | | Problem Solving Time! Answers | Set B 02 | |
| 1. | I started running at 11:05 and finished at half past 11. I ran for …? minutes. | | | 25 |
| 2. | My favourite half-hour TV show started at 4:35. It finished at …? | | | 5:05 |
| 3. | The first quarter started at 2:10 and lasted for 30 minutes. It ended at …? | | | 2:40 |
| 4. | I read for a quarter of an hour, starting at 7.50. I finished at …? | | | 8:05 |
| 5. | Adelaide is ½ an hour behind Sydney. In Sydney it’s 12:15. In Adelaide it is …? | | | 11.45 |
| 6. | 20 minutes ago it was 10 to 3. It’s now …? | | | 3.10 |
| 7. | The marathon lasted for 2 hours and 10 minutes, starting at 10:00 and finishing at …? | | | 12:10 |
| 8. | My 5-minute shower ended at 8:22. It started at …? | | | 8:17 |
| 9. | Lunch starts at 12:05 and lasts for 35 minutes. Lunch ends at …? | | | 12:40 |
| 10. | Our clock shows 6:11, but is 7 minutes fast. The actual time is …? | | | 6:04 |

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|  | | Problem Solving Time! Answers | Set C 01 | |
| 1. | The CD I played started at 10:20 and lasted for 70 minutes. It finished at …? | | | 11:30 |
| 2. | School lasts for 7 hours, starting at 8:40am and ending at…? | | | 3:40 |
| 3. | Is 12:00am noon or midnight? | | | midnight |
| 4. | I flew north for 3 hours, staring at 11:30pm and landing at …? | | | 2:30am |
| 5. | The game started at 12 minutes to 5 or, digitally, at …? | | | 4:48 |
| 6. | The 90-minute movie began at 9:34 and finished at …? | | | 11:04 |
| 7. | Suva is 2 hours ahead of Sydney, where it is currently 11:55am. In Suva is currently …? | | | 1:55pm |
| 8. | New York is 12 hours behind Sydney. In New York it is 9pm and in Sydney it is …? | | | 9am |
| 9. | I must record a TV show at 1:35pm which is 25 to 2 in the …? | | | afternoon |
| 10. | Breakfast lasted from 8:55 until 12 past 9 which was …? minutes. | | | 17 |

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|  | | Problem Solving Time! Answers | Set C 02 | |
| 1. | How many minutes from 7:55 to 8:05? | | | 10 |
| 2. | How many minutes from 12:20 to 1:00? | | | 40 |
| 3. | How many minutes from 3:55 to 5:05? | | | 70 |
| 4. | How many minutes from 8:12 to 10:12? | | | 120 |
| 5. | How many minutes from 6:14 to 7:13? | | | 59 |
| 6. | How many minutes from 2:24 to 3:25? | | | 61 |
| 7. | How many minutes from 9:40 to 11:00? | | | 80 |
| 8. | How many minutes from 8:20 to 10:05? | | | 45 |
| 9. | How many minutes from 5:55 to 7:05? | | | 70 |
| 10. | How many minutes from 4:46 to 5:06? | | | 20 |