Skillswise

Working out journey times - answers

1. How long is the journey from Blackmore School to Grinsley, Kings Head on the 22B?

    Work out 15.45 minus 15.10. The hours are the same so just find the difference in minutes. 45 - 10 = 35. The answer is **35 minutes**.

2. How many minutes is the journey from Boxley to Crostham?

    Whichever bus you pick the correct answer is the same for this journey. Let's use the 09.00 from Boxley which arrives at 09.15. Again the hours are the same so just find the difference in the minutes. 15 - 00 = 15. The answer is **15 minutes**.

3. If you catch the 11.15 from Blackmore (opp. Hospital) how long is your journey to Crostham?

    Work out 12.10 minus 11.15. There are different ways of dealing with this one but as the times are so close together, counting on in fives is the best way. 11.20, 11.25, 11.30 and so on to 12.10 gives us 11 lots of 5, which is 55. The answer is **55 minutes**.

4. How long does the 10 am London Flyer take to get to Brimmingham?

    Find the time from 10.00 to 12.18 using method 1 from the factsheet **Working with hours and minutes**. 12 - 10 = 2 hours.
    18 - 00 = 18 minutes. The answer is **2 hours and 18 minutes** (you could also use 'count on').

5. How long is the journey from Blackmore School to Donnerton Bus Station on the 22B?

    Find the time from 15.10 to 16.40 using method 1. 16 - 15 = 1 hour.
    40 - 10 = 30 minutes. The answer is **1 hour and 30 minutes** (you could also use 'count on').

6. How long does the 13.00 London Flyer take to get to Victoria Coach Station?

    Find the time from 13.00 to 17.17 using method 1. 17 - 13 = 4 hours.
    17 - 00 = 17 minutes. The answer is **4 hours and 17 minutes** (you could also use 'count on').

7. If you catch the 09.15 from Crostham and then get the London Flyer at 1000, how long is it after you catch the bus until you arrive in London?

    It's 09.15 to 14.33 so use method 1 (or 'count on'). 14 - 09 = 5 hours. 33 - 15 = 18 minutes. The answer is **5 hours and 18 minutes.**

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8. If you catch the 11.35 from Grinsley, Church Lane and then get the London Flyer at 13.00, how long is it after you catch the bus until you arrive in London?

   Work out 11.35 to 17.17. You could 'count on', although it's not so easy for this one, so let's look at method 2 from the factsheet **Working with hours and minutes**.

   11.35 is 11 × 60 + 35 = 695 minutes.
   17.17 is 17 × 60 + 17 = 1037 minutes.
   The difference is 1037 - 695 = 342 minutes.
   In hours this is 342 ÷ 60 = 5 hours with 42 left over. The answer is **5 hours and 42 minutes**.