

OLI: To calculate time intervals using timetables.

RETANGLES

Opening Times for the London Eye	
Monday	Closed
Tuesday to Friday	10am to 7.30pm
Saturday	8.30am to 9.00pm
Sunday	11am to 4.30pm

1. How many hours is the London Eye open on Sundays?
2. If I arrived at the London Eye at 6.00 on a Thursday, how long have I got before it closes?
3. Which day of the week is the London Eye open the longest?
4. Which day of the week is the London Eye open the shortest?
5. I get the train to London on Sunday. My train arrives at the station at 9.15. How long have I got to wait before the London Eye opens?
6. Which day has the latest closing time?

Here is part of a train timetable			
Canterbury West	10.30	11.15	11.45
Ashford Int	10.45	11.30	12.00
St Pancras Int	11.30	-	12.45
Waterloo	11.50	12.05	13.05

7. How long does the 10.30 train from Canterbury West take to travel to Waterloo?
8. Which train is the fastest to get from Canterbury West to Waterloo?
9. How many minutes later does the second train from Canterbury West leave than the first?
10. If I catch the 11.45 train from Canterbury West, how many stops are there until I reach Waterloo?
11. How many trains leave Ashford Int between 11.00 and 12.00?
12. If I get the 12.45 train at St Pancras Int, how long does it take to get to Waterloo?

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CIRCLES and SQUARES

Here is part of a train timetable				
Ramsgate	9.55	10.40	11.15	11.55
Canterbury West	10.30	11.15	11.50	12.30
Ashford Int	10.55	11.40	12.15	12.55
St Pancras Int	11.35	-	12.55	13.35
Waterloo	11.50	12.05	13.10	13.50

1. How long does the first train from Ramsgate take to travel to Waterloo?
2. How much later does the second train from Ramsgate leave than the first?
3. If I catch the 10.40 train from Ramsgate, how many stops are there until I reach Waterloo?
4. How many trains pass through Canterbury West between 11.00 and 12.00?
5. I arrive at Ashford Int at 12.00. I want to travel to Waterloo. I catch the next train. What time will I arrive at Waterloo?
6. I want to be in Waterloo by 13.00. What is the time of the latest train I can take from Canterbury West?
7. I want to go to Waterloo. Is it faster to catch the 10.30 train from Canterbury West or the 11.15 train from Canterbury West?

Opening Times for the London Eye	
Monday	Closed
Tuesday to Friday	10am to 7.30pm
Saturday	8.30am to 9.00pm
Sunday	11am to 4.30pm

8. How many hours is the London Eye open on Wednesdays?
9. If I arrived at the London Eye at 6.15 on a Thursday, how long have I got before it closes?
10. Which day of the week is the London Eye open the longest?
11. I get the train to London on Sunday. My train arrives at the station at 9.15. How long have I got to wait before the London Eye opens?
12. Which day has the latest closing time?

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SQUARES

Here is part of a train timetable							
Ramsgate	10.05	10.40	11.15	11.55	12.05	12.20	12.30
Canterbury West	10.40	11.15	11.50	12.30	-	12.55	-
Ashford Int	11.05	11.40	12.15	12.55	13.05	13.20	13.30
St Pancras Int	11.40	-	12.55	13.35	-	14.00	-
Waterloo	12.10	12.55	13.10	13.50	14.00	14.15	14.25

1. How long does the first train from Ramsgate take to travel to Waterloo?
2. How much later does the second train from Ramsgate leave than the first?
3. If I catch the 10.40 train from Ramsgate, how many stops are there until I reach Waterloo?
4. How many trains pass through Ashford Int between 11.30 and 13.00?
5. I arrive at Ashford Int at 12.00. I want to travel to Waterloo. I catch the next train. What time will I arrive at Waterloo?
6. I want to be in Waterloo by twenty past two. What is the time of the latest train I can take from Canterbury West?
7. I want to go to Waterloo. Is it faster to catch the 10.40 train from Canterbury West or the 11.15 train from Canterbury West?