

Reasoning and Problem Solving – Time answers

1. Athens – 5:20pm; Malaga – 6:10pm; Berlin – 7:05pm; Paris – 8:45pm

2. 205 minutes

3.

Check in	17 minutes	8:42
Go through security	28 minutes	9:10
Have lunch	1 hour 20 minutes	10:30
Walk to gate	13 minutes	10:43
Board plane	9 minutes	10:52

4. 2 hours 27 minutes

5. No, Jack is incorrect. He would be 3 minutes early.  $147 + 135 = 282$  minutes  
 $282\text{mins} = 4 \text{ hours } 42 \text{ minutes}$ .  $9:20\text{am} + 4 \text{ hours } 42 \text{ minutes} = 2:02\text{pm}$ .

6. 21:32

7. 1 hour 47 minutes

8. Yes, Logan will catch the plane. Time = 13:02.  $425 \text{ seconds} = 7 \text{ minutes } 5 \text{ seconds}$ .  
 $13:02 + 7 \text{ minutes} = 13:09$

9. No, Logan would miss his plane.  $240 \text{ seconds} = 4 \text{ minutes}$ .  $13:09 + 4 \text{ minutes} = 13:13$ .

10. 7:30; 480 seconds

11. 368 pieces of luggage

12.

A	08:18	13 minutes	08:31
B	18:18	9 minutes	18:27
C	04:26	6 minutes	04:32
D	20:31	11 minutes	20:42

13. Florida – 37 days; Tenerife – 42 days; Majorca – 53 days

14. Vancouver – 9 weeks 6 days; Copenhagen – 10 weeks 2 days; Helsinki – 12 weeks 3 days

15. 53 days

16. 14<sup>th</sup> July

17. Lorraine – 27 months; Daniel – 3 years 6 months; Jaxon – 68 months

18. Esme – 36 months; Jameela – 1 year 8 months; Archie – 3 years 4 months.