

Name _____

Time Challenge - Gold Level Answer Key

1. 9:30 p.m. + 15 hr = 12:30 p.m. (next day, Sydney time)

15 hr behind → 12:30 p.m. – 15 hr = **9:30 p.m. Monday in New York**

2. 6:45 → 10:30 = 3 hr 45 min – 30 min = 3 hr 15 min study time

End time: 10:30 p.m.

Bedtime: 10:30 + 1 hr = **11:30 p.m.**

3. London 4:00 p.m. → Tokyo +9 hr = **1:00 a.m. next day**

London 4:00 p.m. → Los Angeles –8 hr = **8:00 a.m. same day**

4. Speed = $180 \div 3 = 60$ mph

120 miles $\div 60 = 2$ hr

Total = 3 hr + 40 min + 2 hr = 5 hr 40 min

9:00 a.m. + 5 hr 40 min = **2:40 p.m. arrival**

5. 6 weeks = 42 days

March 25 + 42 days = **May 6**

6. 2030 – 2011 = **19 years old**

From April to December = **8 months until birthday**

7. 11:50 p.m. + 25 min delay = 12:15 a.m.

2 hr 40 min = **2:55 a.m. arrival**

8. 6 intervals $\times 35$ min = 210 min = 3 hr 30 min

7:10 + 3 hr 30 min = **10:40 a.m.**