

N4 Applications of Maths – Time Intervals

1. The following times are written in **12 hour** notation. Find the time interval between:

- (a) 9.15 am to 10.35am
- (b) 8.20am to 10.45 am
- (c) 7.35pm to 9.40pm
- (d) 3.25pm to 5.55pm
- (e) 11.25am to 1.50pm
- (f) 8.45 am to 11.10am
- (g) 10.30pm to 6.15am
- (h) 7.40pm to 4.25am
- (i) 9.55pm to 11.05am

2. The following times are written in **24 hour** notation. Find the time interval between:

- (a) 08.15 to 11.55
- (b) 03.25 to 07.35
- (c) 10.55 to 12.55
- (d) 09.30 to 13.50
- (e) 07.25 to 14.50
- (f) 10.40 to 15.55
- (g) 14.20 to 17.55
- (h) 13.05 to 19.50
- (i) 09.05 to 18.30

3. Find the answer to the following questions:

- (a) A train leaves London at 11.35 and travels to Manchester. The journey takes 1 and a half hours. At what time does it get into Manchester?
- (b) On May 23rd, the sun rose at 6.50am and set at 8.26pm. For how long was the sun out?
- (c) A netball team spends three and a half hours training every day. 40 minutes is spent on skills, 70 minutes on team exercises and the rest on fitness training. How much time is spent on fitness training?
- (d) A train service runs every 40 minutes between two towns. If the first train leaves at 07.45, what time do the **next three** trains leave?
- (e) Hazel records two programmes from television. The first lasts 1 hour 35 minutes and the second lasts 1 hour 45 minutes. She records them her Sky Plus box which has 4 hours of free space. How much free time does she have left on her Sky box **after** recording?