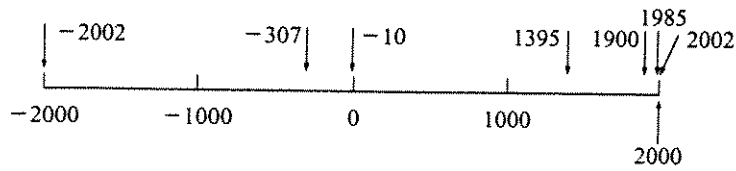


## YEAR 7 TEST 10A

1



∴ E, B, F, A, G, C, H, D

**2 a** 9 weeks 6 days  
 $= (9 \times 7) + 6$  days  
 $= 63 + 6$  days  
 $= 69$  days

**b** • 4 minutes 35 seconds  $= (4 \times 60) + 35$   
 $= 275$  seconds

• 4.7 minutes  $= (4 \times 60) + \frac{7}{10} \times 60$   
 $= 240 + 42$   
 $= 282$  seconds

• 246 seconds  $= 246$  seconds

•  $4\frac{1}{2}$  minutes  $= (4 \times 60) + (\frac{1}{2} \times 60)$   
 $= 270$  seconds

∴ the order is:

246 sec,  $4\frac{1}{2}$  min, 4 min 35 seconds, 4.7 min

**3 a i** 4:37 am  $= 0437$  hours

**ii** 3:55 pm  $= 12:00 + 3:55$   
 $= 1555$  hours

**iii** 8:09 pm  $= 12:00 + 8:09$  hours  
 $= 2009$  hours

**b i** 9:05 is 9:05 am

**ii**  $20:02 = 12:00 + 8:02$ , so it is 8:02 pm

**4 a** Tuesday

**b** 4

**c** Waitangi Day, Anzac Day,  
 Queen's Birthday, Labour Day

**d** May 14

**e i** 67 days    **ii** 10 weeks

**f i** 16 days    **ii** 47 days