

9 Year 7 Term 1 Week 9 Answers Last Modified: January 13, 2012

E 9.1.1 (1) 13 h 39 min ; (2) 3 h 47 min ; (3) 16 h 23 min ; (4) 39 h 18 min ;

E 9.1.2 (1) 15: 47 or 3:47 ; (2) 11:35 ; (3) 2:04 ; (4) 11:31 ;

E 9.1.3 (1) 10 ; (2) 100 ; (3) 10 ; (4) 35 ; (5) 28 days ; (6) 52 weeks ; (7) 4.5 years ;

(8) 4 decades ; (9) 3 decades ; (10) 3 months ; (11) 350 decades ; (12) 366 days ;

E 9.1.4 (1) 94 days $[27+28+31+8]$; (2) 139 days $[23 + 91 + 25]$; (3) 116 days $[30+29+31+26]$;

(4) 334 days $[366-(26+6)]$;

E 9.1.5 (1) 14 days $[9+5]$; (2) 68 days $[16+31 +21]$; (3) 49 days $[4 + 30 +15]$;

(4) 58 days $[27 + 31]$;

E 9.1.6 (1) 1472 years; (2) 19 years ; (3) 90 years ; (4) 847 years $[127+721 -1]$;

E 9.1.7 (1) 91, 91, 92, 92 ;

(2) Summer: December, January, February;

Autumn: March, April, May ;

Winter: June, July, August;

Spring: September, October, November ;

(3) 7 months ;

(4) a. 18 days $[10 + 8]$; b. 14 days $[2 + 12]$; c. 50 days $[5 + 30 +15]$;

d. 57 days $[26 + 29 +2]$;

(5) a. 7th February ; b. 4th January ; c. 5th September ; d. 16th October ;

E 9.1.8 (1) 1st August, and 11 August ; (2) 37 days $[9 + 28]$;

(3) Thursday $[366 \div 7 = 52r2]$;

(4) 18 September ; (5) 33 BC $[BC +18 -1 = 50]$;

(6) 1st January and 31st December ;

(7) a. 6 years ; b. 10 years ; c. 19 years ; d. 450 years ;

E 9.1.9 (1) 4 h 46 min ; (2) a. 9:10 pm ; b. 5:40 next morning ;

(3) a. 4:15 pm $[4:45 - 0:30]$; b. 7:48 pm $[5:48 + 2:00]$; c. 9:55 am $[11:25 - 1:30]$;

(4) a. 1 h 39 min ; b. 7:53 am $[7:45 + 0:08]$; c. 9:05 am $[7:32 + 1:33]$;

Diagnostic Test Answers

- (1) 2009 years ;
- (2) 2006 years ;
- (3) 604800 seconds [$7 \times 24 \times 3600$] ;
- (4) 2nd June ;
- (5) 5 ;
- (6) 500 years ;
- (7) 92 days [$30 + 31 + 31$] ;
- (8) 205 min [$3 \times 60 + 25$] ;
- (9) 1000 years ;
- (10) 250 decades ;
- (11) 100 decades ;
- (12) 93 days ;
- (13) \$216 ;
- (14) 4 months ;
- (15) 1st December ;
- (16) 204 min [$3 \times 24 + 24$] ;
- (17) a. 2:00 pm ; b. 10:00 pm ;
- (18) a. 3 hours ; b. 3:00 am ;