

Short Answers

1. Midnight
2. Laser
3. Galileo
4. About 2.5 million years ago
5. the Earth and the Sun
6. the CHARA Array
7. 26 protons
8. noon
9. the average distance between the Earth and the Sun
10. Galileo
11. One point of light that is the blurred image of both stars
12. Jupiter, Saturn, Uranus, Neptune
13. Mercury, Venus, Earth, Mars
14. core, mantle, crust
15. the gravitational attraction of the material in planets
16. Jupiter
17. an atmospheric storm, a hurricane, etc.

Math

18. 8.81×10^{-2}
19. 125
20. 10 m/s
21. 11.2 years
22. 5.83 minutes (or ~350 seconds)
23. 0.5 year
24. 600
25. ~252 yrs
26. 7:32

Multiple Choice or True/False

27.T	69.D	111.C	153.B	195.C
28.T	70.B	112.T	154.T	196.D
29.T	71.A	113.C	155.B	197.C
30.F	72.B	114.B	156.B	198.A
31.T	73.D	115.C	157.B	199.D
32.E	74.C	116.D	158.B	200.B
33.D	75.A	117.C	159.D	201.D
34.E	76.B	118.F	160.A	202.B
35.B	77.C	119.A	161.B	203.A
36.D	78.D	120.T	162.T	204.D
37.T	79.B	121.T	163.T	205.A
38.F	80.B	122.A	164.F	206.A
39.T	81.A	123.C	165.B	207.C
40.F	82.D	124.A	166.T	208.A
41.F	83.D	125.D	167.C	209.C
42.B	84.A	126.A	168.T	210.A
43.E	85.A	127.A	169.C	211.C
44.A	86.C	128.T	170.C	212.D
45.D	87.C	129.A	171.T	213.A
46.A	88.D	130.T	172.D	214.D
47.C	89.A	131.B	173.B	215.C
48.A	90.D	132.A	174.C	216.A
49.A	91.A	133.T	175.B	217.D
50.D	92.D	134.T	176.T	218.B
51.D	93.B	135.D	177.B	219.C
52.C	94.D	136.F	178.F	220.A
53.A	95.D	137.T	179.T	221.A
54.B	96.A	138.F	180.F	222.A
55.C	97.A	139.A	181.T	223.C
56.B	98.A	140.B	182.F	224.B
57.C	99.E	141.T	183.F	225.C
58.B	100.B	142.C	184.T	226.D
59.C	101.A	143.D	185.F	227.A
60.C	102.C	144.D	186.F	228.E
61.B	103.D	145.A	187.F	229.E
62.C	104.A	146.T	188.T	230.B
63.B	105.F	147.B	189.F	231.C
64.C	106.A	148.F	190.F	232.B
65.C	107.D	149.D	191.T	
66.B	108.T	150.C	192.F	
67.A	109.D	151.A	193.F	
68.B	110.A	152.T	194.D	

