



Answer Key



Lesson 1

1. b. Astronomy
2. The Heavens and the Earth
3. c. Deep waters
4. a. Genesis 1:3
5. Moses
6. Any of the following are correct: Separate the day from the night, for signs, for seasons, for the days and years, to give light on earth
7. a. Constellations
8. b. 88
9. b. Genesis 1:14-15
10. c. Sun

Lesson 2

1. True
2. b. Axis
3. a. once
4. c. Twilight
5. b. Dusk
6. c. Dawn
7. Sunset
8. Sunrise
9. a. Shadow clock (or sundial)
10. b. 24 hours

Lesson 3

1. True
2. b. 365 days
3. c. Summer
4. False
5. b. East
6. a. Solstice
7. 2
8. c. June
9. b. December
10. North

Lesson 4

1. b. Equinox
2. a. 12 hours
3. b. 1 Kings 8:27
4. a. Calendar
5. True
6. b. Summer
7. c. Fall
8. a. Winter
9. True
10. c. Fall

Lesson 5

1. c. Satellite
2. a. 238,000 miles
3. b. Moon
4. a. Quarter
5. a. Gibbous
6. c. Full
7. True
8. a. 29 ½ days
9. True
10. b. Waning

Lesson 6

1. North, South, East, and West
2. b. Constellation
3. c. East
4. a. Celestial Globe
5. False
6. True
7. c. Polaris
8. Orion
9. Yes
10. True

Lesson 7

1. True
2. c. Circumpolar stars
3. True
4. b. Dipper
5. a. Cross
6. False. It is the smallest.
7. Any are true: Australia, New Zealand, Papua New Guinea, Brazil, and Samoa
8. True

Lesson 8

1. 88
2. a. Sirius
3. b. Canis Major
4. c. Canopus
5. True
6. False. If you can see it at all, it's low to the ground.
7. c. Alpha Centauri
8. a. Centaurus
9. False. A centaur is half-horse.
10. True

Lesson 9

1. False
2. a. Zodiac
3. b. 12
4. Any of these are correct answers: Aries, Taurus, Gemini, Cancer, Leo, Virgo, Libra, Scorpius, Sagittarius, Capricornus, Aquarius, and Pisces
5. c. Taurus
6. True
7. True
8. c. Pisces



Answer Key, Cont.



Lesson 10

1. b. Genesis 11:4
2. a. Sun & Moon
3. c. Planets
4. True
5. c. Mercury
6. b. Mars
7. a. Jupiter
8. b. Wandering Star
9. True

Lesson 11

1. c. Circumference
2. b. 250,000 stadia
3. a. 24,874 miles
4. True
5. c. June
6. a. Water
7. b. Lunar
8. c. Lunar eclipse

Lesson 12

1. c. Eclipse
2. a. Because the path of the moon is tilted a little bit, so it doesn't come right between the sun and earth.
3. a. Only during some new moons
4. b. Penumbra
5. a. Partial Solar Eclipse
6. a. Total Solar Eclipse
7. True
8. True
9. b. Partial & Total

Lesson 13

1. b. Lunar Eclipse
2. It can only happen during a certain full moons
3. a. Umbra and Penumbra
4. True
5. False. It means "relating to the moon."
6. c. Penumbral Eclipse
7. True
8. c. Partial Lunar Eclipse
9. a. Blood Moon

Lesson 14

1. c. Meteoroid
2. b. Meteor
3. c. Atmosphere
4. True
5. a. Meteorite
6. False
7. True
8. b. Meteor Storm
9. True
10. b. Perseids

Lesson 15

1. Sun
2. b. Solar System
3. Any of these are correct: Aries, Taurus, Gemini, Cancer, Leo, Virgo, Libra, Scorpius, Sagittarius, Capricornus, Aquarius, or Pisces
4. Any of the are correct: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, or Neptune.
5. Axis
6. b. Year
7. True
8. True
9. b. Geocentric

Lesson 16

1. b. 365
2. a. 93 million miles
3. c. Over 70%
4. 5
5. Any of these are correct: Pacific, Atlantic, Indian, Arctic, and Southern
6. True
7. b. Magnetosphere
8. b. Around the equator



Answer Key, Cont.



Lesson 17

1. a. 2-3 days
2. c. 238,000 miles away
3. True
4. b. Highlands
5. c. Maria
6. a. 2,159 miles wide
7. a. Gravity
8. b. Tides
9. True
10. c. Radiation

Lesson 18

1. True
2. True
3. False. It has more gravity.
4. c. Plasma
5. b. Nuclear fusion
6. The hot atmosphere around the sun
7. a. Photosphere
8. True
9. b. Sunspot
10. a. 11 years

Lesson 19

1. True
2. a. Goldilocks zone
3. c. 3,032 miles wide
4. False
5. b. Terrestrial Planet
6. a. 4
7. Any of these are correct: Mercury, Venus, Earth, or Mars
8. c. 59 Earth Days
9. a. 88 Earth Days
10. b. Rupes

Lesson 20

1. b. 67 million miles
2. True
3. True
4. c. 243 Earth Days
5. True
6. a. Venus
7. True
8. False
9. c. Magma

Lesson 21

1. a. 142 million miles
2. a. Martian
3. c. Mars
4. True
5. b. Earth-like
6. a. 24 hours and 38 mins
7. False
8. Phobos and Deimos
9. a. Valles Marineris
10. c. Olympus Mons

Lesson 22

1. a. 200 million
2. Any of these are correct: Ceres, Pallas, Vesta, or Juno
3. b. an asteroid
4. False
5. a. Between Mars and Jupiter
6. True
7. False
8. c. Dwarf Planet

Lesson 23

1. a. 88,846 miles wide
2. True
3. a. 9 hours and 50 minutes
4. False
5. True
6. c. Gas Giant
7. a. Metallic Hydrogen
8. True
9. Any of these are correct: Io, Europa, Ganymede, Callisto

Lesson 24

1. a. 888 million miles
2. c. 29.4 years
3. True
4. b. Shepherd Moons
5. True
6. a. Enceladus
7. c. Titan
8. True

Lesson 25

1. a. William Herschel
2. b. 84 years
3. True
4. True
5. a. Ice Giant
6. a. More than 25 moons
7. Any of these are correct: Ariel, Miranda, Oberon, or Titania
8. True
9. False



Answer Key, Cont.



Lesson 26

1. a. 164 years
2. True
3. b. The Great Dark Spot
4. True
5. False. It is more massive, but it's not as big across.
6. True
7. a. Triton
8. b. Frozen methane chunks

Lesson 27

1. b. Kuiper Belt
2. a. 3.6 billion miles
3. c. 248 years
4. c. 382 degrees F below 0
5. a. 5 moons
6. a. Comet
7. a. Eris
8. b. Neptune

Lesson 28

1. True
2. a. Exoplanets
3. Any of these is correct: Wobbling Stars, Transiting Planets, Bending Light
4. b. Magnetosphere
5. b. Jupiter & Saturn
6. a. Venus & Mars
7. a. The orbit around a star that isn't too hot or too cold, allowing for liquid water to exist.
8. True

Lesson 29

1. b. Galaxy
2. True
3. b. 100 billion
4. False
5. b. Super Cluster
6. a. Laniakea
7. a. Immeasurable Heavens
8. No

Lesson 30

1. Terrestrial Planet
2. a. It as a rocky surface you can land on
3. Any of these are correct: Mercury, Venus, or Mars
4. See how many your child can name: Ganymede, Callisto, Io, and Europa, Titan, Titania, and Triton
5. False
6. True
7. a. Psalm 115:16
8. True



A cluster of small, five-pointed stars in orange and grey colors is positioned in the top-left corner. Another cluster of similar stars is in the top-right corner.

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