

Zodiac Activity

1. Simulator results.

A	B	C
Month	Sun appears between these zodiac constellations	Zodiac constellations visible at midnight from Earth
January	Sagittarius, Capricorn	Gemini, Cancer
February	Capricorn, Aquarius	Cancer, Leo
March	Aquarius, Pisces	Leo, Virgo
April	Pisces, Aries	Virgo, Libra
May	Aries, Taurus	Libra, Scorpio
June	Taurus, Gemini	Scorpio, Sagittarius
July	Gemini, Cancer	Sagittarius, Capricorn
August	Cancer, Leo	Aquarius, Pisces
September	Leo, Virgo	Pisces, Aries
October	Virgo, Libra	Aries, Taurus
November	Libra, Scorpio	Taurus, Gemini
December	Scorpio, Sagittarius	Gemini, Cancer

2. For any month, what is the relationship in the sky between the constellations listed in columns B and C?

They are opposite each other in the sky

3., 4., 5., 6. What constellation were you during our class demonstration?

A	B	C	D
Constellation	Opposite side of the Sun constellation	Observer on Earth, looking toward Sun saw you	Observer near the Sun, looking toward Earth saw you
Capricorn	Cancer	January	July
Aquarius	Leo	February	August
Pisces	Virgo	March	September
Aries	Libra	April	October
Taurus	Scorpio	May	November
Gemini	Sagittarius	June	December
Cancer	Capricorn	July	January
Leo	Aquarius	August	February
Virgo	Pisces	September	March
Libra	Aries	October	April
Scorpio	Taurus	November	May
Sagittarius	Gemini	December	June