

Planetary Positions and Light Terms Puzzle from Issue 10 of *The Classroom Astronomer*

GLWOLLOFNE
4

RASLO NABLUE RYTEOH
18 12 28

NEEGR, NKIP, VARLENDE , ,
27 9 17

FLUL MONO
13

LEISEHVU
14

LIGLEAO
11

NTE DESGEER
22 16 8 25

POIPOOSINT
24 3

TAESERTG LENAOTOING
23 20 5

SECTU
1

RODPLE FIHST
2 19

RAMTAIUPNLE
7

TEELEXC
21 10

REROTGRAED MIOTON
26 6 15

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28

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Clues:

Who wrote a poem about Paul Revere?

Once the way we believe the Sun and planets formed.

Three colors in the northern light displays.

Two barbeque establishments LOVE this phase!

First names the seas of the Moon as *maria*.

First person to make astronomical sketches from telescopic observations.

Average angular size of an outstretched fist.

Outer planet's best observation position.

Inner planet's best observation position.

You'll have a whale of a time if your birthday is March 27.

When a spectrum line shifts because of velocity towards or away from us.

A machine that makes stars!

Another name for an animated spreadsheet.

When a planet goes backwards.

Phrase Clue:

What we call planetary sky positions, and the study of the colors of the rainbow.

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Answers:

Puzzle Answers:

Longfellow;
Solar Nebula Theory;
green, pink, lavender;
Full Moon;
Hevelius;
Galileo;
Ten degrees;
opposition;
greatest elongation;
Cetus;
Doppler Shift,
planetarium;
Excelets;
retrograde motion.

Phrase:

Configurations and Spectroscopy.