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Augmenting her
limited income by
smuggling
contraband to
survive on the
Moon's wealthy city
of Artemis, Jazz

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agrees to commit what seems to be a perfect, lucrative crime, only to find herself embroiled in a conspiracy for control of the city. They used to joke about it. Like many brilliant scientists, Josh sometimes had trouble remembering things that needed doing in

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the “real” world—like buying groceries, eating regular meals, and talking to people. But he was happy to have his beloved wife, Lauren, remind him with her “honey do” lists. He just never realized how much he would need one when she was gone. Being a widower is

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not something
Joshua Park ever
expected. Given his
solitary job, small
circle of friends and
family, and the
social awkwardness
he's always
suffered from, Josh
has no idea how to
negotiate this new,
unwanted phase of
life. But Lauren had
a plan to keep him

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moving forward. A plan hidden in the letters she leaves him, giving him a task for every month in the year after her death. A plan that leads Joshua with a loving hand on a journey through grief, anger, and denial. It's a journey that will take Joshua from his first outing

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as a widower to buy groceries...to an attempt at a dinner party where his lack of experience hosting creates a comic disaster...to finding a new best friend while weeping in the dressing room of a clothing store. As his grief makes room for new friendships and

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experiences, Joshua
learns Lauren's
most valuable
lesson: The path to
happiness doesn't
follow a straight
line. Funny,
sometimes heart-
wrenching, and
always uplifting, this
novel from New
York Times
bestselling author
Kristan Higgins

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illuminates how
life's greatest joys
are often hiding in
plain sight.

'Time is a
catastrophe,
perpetual and
irreversible.'

Science and fiction
interweave
delightfully in these
playful Cosmicomic
short stories.

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fifty new books celebrating the pioneering spirit of the iconic Penguin Modern Classics series, with each one offering a concentrated hit of its contemporary, international flavour. Here are authors ranging from Kathy Acker to James Baldwin, Truman

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Capote to Stanislaw
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Orwell to Shirley
Jackson; essays
radical and
inspiring; poems
moving and
disturbing; stories
surreal and
fabulous; taking us
from the deep South
to modern Japan,
New York's
underground scene

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to the farthest
reaches of outer

space.

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Valley of the Moon
Astro Poets

Pack Up the Moon

The Distance to the
Moon

An Introduction to
the Study of the
Moon

Gardens of the

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**Twelve stories by
the brilliant
Italian author
employ the
history of
science and the
poetic
imagination to
ring changes on
the theme and
activity of**

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creation

**The tranquility of
Mars is disrupted
by humans who
want to conquer
space, colonize
the planet, and
escape a
doomed Earth.
"Lukas Feireiss
traces a visual
cultural history of**

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**lunar exploration
from past, to
present, and
future. The book
explores space
travel to the
Moon as the
ultimate flight of
fancy for the
human
imagination and
testing ground**

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**for ideas in
reality"--Page 4
of cover.**

**Julius Schmidt
was one of the
finest
astronomical
observers of his
time, and his
detailed map of
the Moon
surpassed**

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**anything that had
come before.**

**Today, the
German
astronomer and
geophysicist has
remained a
largely neglected
figure, despite
being one of the
most important
players in the**

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**history of lunar
studies. This
book at last
makes
accessible
Schmidt's highly
regarded German
work, Der Mond.
Considered an
astronomical
classic of the
nineteenth**

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**century, Der
Mond remained
without a proper
English
counterpart for
the last century
and a half, until
now. The
author's faithful
English
translation
provides readers**

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**with much-
needed access
into Schmidt's
original
publication, with
the aim of
showing the
community just
how vital his
work and legacy
have been in the
international field**

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of selenography.

When the Moon
Is Low

The Astronomical
Almanac

Memories of the
Moon Age

Artemis

Field Trip to the
Moon

Astroquizzical -
the Illustrated

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The distance to the moon was measured by radar from October 1959 to July 1960 with a basic resolution of $\approx 150\text{m}$. The measured distance from the observing station to the nearest point of

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the moon was corrected for the earth's rotation and the motion of the moon. In addition, the libration of the moon changes the nearest point of reflection with time. As observations were

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made over many months, several returns from the same lunar area were obtained.

The monthly variations in distance due to lunar topography were used to derive an equivalent radar

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*topographical map
around the central
region of the
moon. This map
provided the
necessary
corrections to
account for lunar
topographical
variations. All the
measured distance
after applying the*

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above corrections were used in a least square solution with the best known constants. The solution yielded a value of 384,400 km = 1.2 km for the mean distance to the moon. The uncertainty of 1.2

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km is mainly due to the uncertainty of the lunar radius. Using this mean distance, a value of 6,378,167 m for the earth's equatorial radius was determined. (Author).

*Advance praise for
Philip Plait's Bad*

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*Astronomy "Bad
Astronomy is just
plain good! Philip
Plait clears up ever
ymisconception on
astronomy and
space you never
knew you
suffered from."*

*--Stephen Maran,
Author of
Astronomy for*

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*Dummies and
editorof The
Astronomy and
Astrophysics
Encyclopedia
"Thank the
cosmos for the
bundle of star stuff
named Philip
Plait, who is the
world s leading
consumer*

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*advocate for
quality science
inspace and on
Earth. This
important
contribution to
science willrest
firmly on my
reference library
shelf, ready for
easy accessthe
next time an*

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astrologer calls."

*--Dr. Michael
Shermer, Publisher
of Skeptic
magazine, monthly
columnist for
ScientificAmerican,
and author of The
Borderlands of
Science "Philip
Plait has given us
a readable,*

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*erudite,
informative, useful,
and entertaining
book. Bad*

*Astronomy is Good
Science. Very good
science..." --James
"The Amazing"*

*Randi, President,
James Randi
Educational
Foundation, and*

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*author of An
Encyclopedia
of Claims, Frauds,
and Hoaxes of the
Occult and
Supernatural "Bad
Astronomy is a fun
read. Plait is
wonderfully witty
and educational as
he debunks the
myths, legends,*

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*and
'conspiraciesthat
abound in our
society. 'The Truth
Is Out There' and
it's inthis book. I
loved it!" --Mike
Mullane, Space
Shuttle astronaut
andauthor of Do
Your Ears Pop in
Space?*

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*Volume 1 of
COLLEGE
PHYSICS, 11th
Edition, is
comprised of the
first 14 chapters of
Serway/Vuille's
proven textbook.
Designed
throughout to help
students master
physical concepts,*

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*improve their
problem-solving
skills, and enrich
their
understanding of
the world around
them, the text's
logical
presentation of
physical concepts,
a consistent
strategy for solving*

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problems, and an unparalleled array of worked examples help students develop a true understanding of physics. Volume 1 is enhanced by a streamlined presentation, new problems, Interactive Video

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*Stung by the
pioneering space
successes of the
Soviet Union - in
particular, Gagarin
being the first man
in space, the
United States
gathered the best*

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*of its engineers
and set itself the
goal of reaching
the Moon within a
decade. In an
expanding 2nd
edition of How
Apollo Flew to the
Moon, David
Woods tells the
exciting story of
how the resulting*

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Apollo flights were conducted by following a virtual flight to the Moon and its exploration of the surface.

From launch to splashdown, he hitches a ride in the incredible spaceships that took men to

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*another world,
exploring each
step of the journey
and detailing the
enormous range of
disciplines,
techniques, and
procedures the
Apollo crews had
to master. While
describing the
tremendous*

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*technological
accomplishment
involved, he adds
the human
dimension by
calling on the
testimony of the
people who were
there at the time.
He provides a
wealth of
fascinating and*

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*accessible
material: the role
of the powerful
Saturn V, the
reasoning behind
trajectories, the
day-to-day
concerns of
human and
spacecraft health
between two
worlds, the*

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*exploration of the
lunar surface and
the sheer daring
involved in
traveling to the
Moon and the mid-
twentieth century.
Given the
tremendous
success of the
original edition of
How Apollo Flew*

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to the Moon, the second edition will have a new chapter on surface activities, inspired by reader's comment on Amazon.com.

There will also be additional detail in the existing chapters to

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*incorporate all the
feedback from the
original edition,
and will include
larger illustrations.*

*Misconceptions
and Misuses
Revealed, from
Astrology to the
Moon Landing
"Hoax"*

The People,
Page 46/166

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*Technology, and
Daring Feats of
Science Behind
Humanity's
Greatest*

Adventure

*How Apollo Flew
to the Moon*

*Book One of The
Malazan Book of
the Fallen*

Introduction to

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*Stars and Planets
A Grandmother's
Words to a
Faraway Child*

An astonishing
exploration of planet
formation and the
origins of life by one of
the world's most
innovative planetary
geologists. In 1959, the
Soviet probe Luna 3
took the first photos of

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the far side of the moon.

Even in their poor resolution, the images stunned scientists: the far side is an enormous mountainous expanse, not the vast lava-plains seen from Earth.

Subsequent missions have confirmed this in much greater detail.

How could this be, and what might it tell us about our own place in

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the universe? As it turns out, quite a lot. Fourteen billion years ago, the universe exploded into being, creating galaxies and stars. Planets formed out of the leftover dust and gas that coalesced into larger and larger bodies orbiting around each star. In a sort of heavenly survival of the fittest, planetary bodies

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smashed into each other until solar systems emerged. Curiously, instead of being relatively similar in terms of composition, the planets in our solar system, and the comets, asteroids, satellites and rings, are bewitchingly distinct. So, too, the halves of our moon. In *When the Earth Had Two Moons*, esteemed

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planetary geologist Erik
Asphaug takes us on an
exhilarating tour
through the farthest
reaches of time and our
galaxy to find out why.
Beautifully written and
provocatively argued,
When the Earth Had
Two Moons is not only
a mind-blowing
astronomical tour but a
profound inquiry into
the nature of life

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here—and billions of
miles from home.

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THE NATIONAL
BOOK AWARD •
YALSA

EXCELLENCE IN
NONFICTION
FINALIST • A

ROBERT F. SIBERT
HONOR BOOK This
beautifully illustrated,
oversized guide to the
people and technology

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of the moon landing by
award-winning

author/illustrator John
Rocco (illustrator of the
Percy Jackson series) is
a must-have for space
fans, classrooms, and
tech geeks. Everyone
knows of Neil
Armstrong's famous
first steps on the moon.
But what did it really
take to get us there? The
Moon landing is one of

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the most ambitious,
thrilling, and dangerous
ventures in human
history. This exquisitely
researched and
illustrated book tells the
stories of the 400,000
unsung heroes--the
engineers,
mathematicians,
seamstresses, welders,
and factory
workers--and their
innovations and life-

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changing technological leaps forward that allowed NASA to achieve this unparalleled accomplishment. From the shocking launch of the Russian satellite Sputnik to the triumphant splashdown of Apollo 11, Caldecott Honor winner John Rocco answers every possible question about

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this world-altering mission. Each challenging step in the space race is revealed, examined, and displayed through stunning diagrams, experiments, moments of crisis, and unforgettable human stories. Explorers of all ages will want to pore over every page in this comprehensive chronicle detailing the

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grandest human
adventure of all time!

For many children who live far away from their grandparents, it can be hard to understand why they can't always be together. Patricia MacLachlan has created a bridge to close the distance by finding connections in memories and the moon they share. A beautiful,

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lyrical poem coupled with Bryan Collier's rich collages, Here and There celebrates the importance of staying close to your family, even across thousands of miles.

The only work to date to collect data gathered during the American and Soviet missions in an accessible and complete reference of

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current scientific and
technical information
about the Moon.

The Women of the
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Your Guides to the
Zodiac

The Handy Science
Answer Book

Let's Meet on the Moon

When the Earth Had
Two Moons

The Moon

A story of long

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*distance friendship
and how we can
stay close even
when we are far
apart.*

*"A new edition with a
final chapter written
forty years after the
explosion."*

*After several
decades spent in
astronomical semi-
obscurity, the Moon*

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has of late suddenly emerged as an object of considerable interest to students of astronomy as well as of other branches of natural science and technology; and the reasons for this are indeed of historical significance. For the

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Moon has now been destined to be the first celestial body outside the confines of our own planet to be reconnoitered at a close range by means of spacecraft built and sent out by human hand for this purpose. At the time of writing, not less than ten such

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spacecraft of

American as well as
Russian origin
landed already on
different parts of the
lunar surface; and
some of these
provided remarkable
records of its detail
structure to a spatial
resolution increased
thousandfold over
that attained so far

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from our ground-based facilities. A renewed interest in our satellite, stemming from this source, on the part of the students of many branches of science and technology has also underlined the need for presenting the gist of our present

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knowledge in this field in the form that could serve as an introduction to the study of the Moon not only for astronomers, but also for serious students from other branches of science or technology.

Designed specifically for non-

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provides an
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features an ongoing
storyline describing
the development of
the current physics
world view, which
provides students
with an
understanding of the*

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laws of nature and the context to better appreciate the importance of physics. The text's appealing style and minimal use of math also help to make complex material interesting and easier to master, even for students normally intimidated

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*by physics or math.
For instructors who
want to incorporate
more problem-
solving skills and
quantitative
reasoning, the
optional, more
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Solving to
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supplement reveals
more of the beauty
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can also be
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includes a
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art program
featuring elements
such as balloon
captions and
numerous
illustrations to help
students better
visualize and
understand key
concepts.*

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*How We Got to the
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*Bad Astronomy
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the Moon*

*College Physics
How do*

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astronomers
know what they
know about the
stars and
planets? That is
the question
behind today's
rapid pace of
cosmic
discovery, for
every new
finding rests

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upon a
centuries-long
foundation of
astronomical
practice.

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activities-based
exploration
reveals the
methods by

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which
Earthbound
observers have
deduced the
physical
attributes of
celestial bodies,
whether
situated within
our solar
neighborhood or
at the far ends

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of the galaxy.

The book's 28
mildly
mathematical
activities invite
readers to carry
out the essential
work of the
astronomer by
utilizing real
observational
data sets and

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high-quality
celestial
photographs to
establish the
innate
properties of a
range of cosmic
systems. Taken
in sequence,
these activities
illustrate the
epic

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advancement of
stellar and
planetary
astronomy over
the past
century, up to
the present day.
Key Features
Wide-ranging
topical coverage
of both
historical and

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up-to-the-minute
aspects of
astronomical
discovery Uses
a learning-by-
doing approach
Structured, goal-
oriented
framework
centered on the
methods and
physical

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principles by
which

astronomers
study the
universe

Provides real-
time educational
feedback to
students

Introduces
elementary
mathematics for

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students to gain
a truer sense of
the work
astronomers do
The D'Artigo
sisters are half-
human, half-
faerie sexy
operatives for
the Otherworld
Intelligence
Agency who

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track down
enemies, but
their mixed-
blood heritage
causes them all
kinds of
problems at all
the wrong
times.

A plain-English
guide to the
basics of trig

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Trigonometry deals with the relationship between the sides and angles of triangles... mostly right triangles. In practical use, trigonometry is a friend to astronomers

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who use
triangulation to
measure the
distance
between stars.
Trig also has
applications in
fields as broad
as financial
analysis, music
theory, biology,
medical

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imaging,
cryptology,
game
development,
and seismology.
From sines and
cosines to
logarithms,
conic sections,
and
polynomials,
this friendly

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guide takes the
torture out of
trigonometry,
explaining basic
concepts in
plain English
and offering lots
of easy-to-grasp
example
problems. It
also explains the
"why" of

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trigonometry,
using real-world
examples that
illustrate the
value of
trigonometry in
a variety of
careers. Tracks
to a typical
Trigonometry
course at the
high school or

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college level
Packed with
example trig
problems From
the author of
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Workbook For
Dummies
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for any student
who needs an

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introduction to,
or better

understanding
of, high-school
to college-level
trigonometry.

From the online
phenomenons
the Astro Poets
comes the first
great astrology
primer of the

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21st century.

Full of insight,
advice and
humor for every
sign in the
zodiac, the
Astro Poets'
unique brand of
astrological
flavor has made
them Twitter
sensations.

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Their long-awaited first book is in the grand tradition of Linda Goodman's Sun Signs, but made for the world we live in today. In these pages the Astro Poets help you see what's

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written in the
stars and use it
to navigate your
friendships,
your career, and
your very
complicated
love life. If
you've ever
wondered why
your Gemini
friend won't let

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you get a word
in edge-wise at
drinks, you've
come to the
right place.

When will that
Scorpio texting
"u up?" at 2AM
finally take the
next step in
your
relationship?

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(Hint: they won't). Both the perfect introduction to the twelve signs for the astrological novice, and a resource to return to for those who already know

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why their

Cancer

boyfriend cries

during

commercials but

need help with

their new

whacky Libra

boss, this is the

astrology book

must-have for

the twenty-first

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century and
beyond.

Solving the
Cosmic Puzzles
of Our Planets,
Stars, and
Galaxies

Your Moon, My
Moon

A Translation of
Der Mond

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Witchling
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The Martian Chronicles

The BBC's "face
of space"
explores all
things lunar in
this
comprehensive
guide to the
folklore, facts,
and possible
futures of our

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only natural
satellite. Have
you ever
wondered if
there are
seasons on the
moon or if space
tourism will
ever become
widely
accessible? So
has Dr. Maggie
Aderin-Pocock,
astronomer and

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host of the
BBC's

docuseries, The
Sky at Night. In
this lucidly
written guide,
Aderin-Pocock
takes readers on
a fascinating
lunar journey.
Aderin-Pocock
begins with a
basic overview—u
npacking

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everything from the moon's topography and composition to its formation and orbit around the Earth. She examines beliefs held by ancient civilizations, the technology that allowed for the first moon landing, a brief

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history of
moongazing, and
how the moon has
influenced
culture
throughout the
years. Looking
to the future,
she delves into
the pros and
cons of
continued space
travel and
exploration.

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Throughout the book are sidebars, graphs, and charts to enhance the facts as well as black-and-white illustrations of the moon and stars.

TRIGONOMETRY is designed to help you learn to

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think
mathematically.
With this text,
you can stop
relying on
merely
memorizing facts
and mimicking
examples—and
instead develop
true, lasting
problem-solving
skills. Clear
and easy to

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read,
Modern
TRIGONOMETRY

illustrates how
trigonometry is
used and applied
to real life,
and helps you
understand and
retain what you
learn in class.

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product
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may not be
available in the
ebook version.
Proving to be
both varied and
fascinating,
moons are far
more common than
planets in our
Solar System.

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Our own Moon has had a profound influence on Earth, not only through tidal effects, but even on the behaviour of some marine animals. Many remarkable things have been discovered about the moons of the

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giant outer
planets from

Voyager,
Galileo,
Cassini, and
other

spacecraft.
Scientists have
glimpsed
volcanic
activity on Io,
found oceans of
water on Titan,
and captured

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photos of icy
geysers bursting
from Enceladus.
It looks likely
that microbial
life beyond the
Earth may be
discovered on a
moon rather than
a planet. In
this Very Short
Introduction
David Rothery
introduces the

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reader to the
moons of our
Solar System,
beginning with
the early
discoveries of
Galileo and
others,
describing their
variety of
mostly
mythological
names, and the
early use of

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Jupiter's moons
to establish
position at sea
and to estimate
the speed of
light. Rothery
discusses the
structure,
formation, and
influence of our
Moon, and those
of the other
planets, and
ends with the

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recent discovery
of moons
orbiting
asteroids,
whilst looking
forward to the
possibility of
finding moons of
exoplanets in
planetary
systems far
beyond our own.

ABOUT THE

SERIES: The Very

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Short

Introductions

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every subject

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pocket-sized

books are the

perfect way to

get ahead in a

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new subject
quickly. Our
expert authors
combine facts,
analysis,
perspective, new
ideas, and
enthusiasm to
make interesting
and challenging
topics highly
readable.

Vast legions of
gods, mages,

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humans, dragons
and all manner
of creatures
play out the
fate of the
Malazan Empire
in this first
book in a major
epic fantasy
series The
Malazan Empire
simmers with
discontent, bled
dry by

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interminable
warfare, bitter
infighting and
bloody
confrontations
with the
formidable
Anomander Rake
and his Tiste
Andii, ancient
and implacable
sorcerers. Even
the imperial
legions, long

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inured to the
bloodshed, yearn
for some
respite. Yet
Empress Laseen's
rule remains
absolute,
enforced by her
dread Claw
assassins. For
Sergeant
Whiskeyjack and
his squad of
Bridgeburners,

File Type PDF The
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and for

Modern
Tattersail,
surviving cadre
mage of the
Second Legion,
the aftermath of
the siege of
Pale should have
been a time to
mourn the many
dead. But
Darujhistan,
last of the Free
Cities of

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Genabackis, yet holds out. It is to this ancient citadel that Laseen turns her predatory gaze. However, it would appear that the Empire is not alone in this great game. Sinister, shadowbound forces are

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gathering as the
gods themselves
prepare to play
their hand...

Conceived and
written on a
panoramic scale,
Gardens of the
Moon is epic
fantasy of the
highest
order--an
enthraling
adventure by an

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outstanding new
voice. At the

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request, this
title is being
sold without
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Software (DRM)
applied.

Cannibal

Planets, Icy

Giants, Dirty

Comets, Dreadful

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Orbits, and the
Origins of the
Night Sky

Apollo

Expeditions to
the Moon

Cosmicomics

The Mean

Distance to the
Moon as

Determined by
Radar

When We Walked
on the Moon

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The Book of the
Moon

It's field trip day,
and students are
excited to travel on
their yellow
spaceship bus
from their space
station to the
moon, in this
wordless picture
book companion to

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Field Trip to the

Ocean Deep and

Field Trip to

Volcano Island. An

ALA Notable

Children's Book A

Golden Duck

Notable Picture

Book Short

Description / Web

'About this Book'

Climb aboard the

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Modern
spaceship bus for
a fantastic field trip

adventure to the

moon! Once their

bright yellow ship

lands, students

debark and set out

with their teacher

to explore. They

jump over trenches

and see craters

and mountains on

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the moon's surface and even Earth in the faraway distance. But when one student takes a break to draw some pictures and falls asleep, they wake up to discover that the rest of the class and the spaceship

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are gone. How the student passes the time waiting to be rescued makes for a funny and unexpected adventure that will enchant children all over the galaxy. With rich atmospheric art, John Hare's

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wordless picture
book invites
children to imagine
themselves in the
story--a story full of
surprises including
some friendly
space creatures. A
perfect
complement to
discussions and
lessons on the

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moon landing.

Don't miss Field

Trip to the Ocean

Deep, another

wordless

adventure!

Recipient of the

Pied Piper Literary

Prize An ILA-CBC

Children's Choice!

A Pennsylvania

Center for the

File Type PDF The

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Book Baker's

Modern

Dozen Selection!

A School Library

Journal Best Book

of the Year A Horn

Book Best Book of

the Year A Bank

Street Best Book

of the Year -

Outstanding Merit

The authors of

Civilization One

File Type PDF The
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Modern

return, bringing
new evidence
about the Moon
that will shake up
our world.

Christopher Knight
and Alan Butler
realized that the
ancient system of
geometry they
presented in their
earlier,

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Modern

breakthrough
study works as
perfectly for the
Moon as it does
the Earth. On
further
investigation, they
found a consistent
sequence of
beautiful integer
numbers when
looking at every

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Modern
major aspect of
the Moon--no such
pattern emerges

for any other

planet or moon in
the solar system.

In addition, Knight
and Butler

discovered that the
Moon possesses

few or no heavy

metals and has no

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core—something that should not be possible. Their persuasive conclusion: if higher life only developed on Earth because the Moon is exactly what it is and where it is, it becomes

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unreasonable to
cling to the idea
that the Moon is a
natural object. The
only question that
remains is, who
built it?

The author of the
critically acclaimed
Wife 22 has written
a captivating novel
about a love that

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Moon Penguin
transcends
Modern

time—perfect for
readers of The
Time Traveler's
Wife, Time and
Again, and the
novels of Alice
Hoffman. San
Francisco, 1975. A
single mother, Lux
Lysander is
overwhelmed,

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underpaid, and

Modern
living on the edge

of an emotional

precipice. When

her adored five-

year-old son goes

away to visit his

grandparents, Lux

takes a solo trip to

Sonoma Valley—a

chance to both

lose herself and

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Distance Of The
Moon Penguin
Modern

find herself again.

Awakened at
midnight, Lux
steps outside to
see a fog settled
over the Sonoma
landscape.

Wandering toward
a point of light in
the distance, she
emerges into a
meadow on a

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Modern
sunny day. There
she meets a group

of people whose
sweetly simple

clothing, speech,
and manners

almost make them
seem as if they are
from another time.

And then she
realizes they are.

Lux has stumbled

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Modern

upon an idyllic
community cut off
not only from the
rest of the world
but from time itself.
The residents of
Greengage tell a
stunned and
disoriented Lux
that they've
somehow been
marooned in the

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Modern
early twentieth
century. Now that
she has

inexplicably

stepped into the
past, it is not long

before Lux is

drawn in by its

peace and beauty.

Unlike the people

of Greengage, Lux

discovers that she

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is able to come and go. And over the years, Lux finds herself increasingly torn between her two lives. Her beloved son is very much a child of the modern world, but she feels continually pulled

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Modern
back to the only
place she has ever
truly felt at home.

A gorgeous,
original, and
deeply moving
novel about love
and longing and
the power that
time holds over all
of us, Valley of the
Moon is

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unforgettable.
Praise for Valley of
the Moon "The
literary equivalent
of a farm-to-table
delicacy: lovingly
handcrafted,
delectable and
transcendent,
becoming more
than just a tasty
appetizer but a full-

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course experience

of love and time

and all the mystical

beauty that the

region has to

offer."—San

Francisco

Chronicle

"Beautifully written

. . . [Valley of the

Moon is] a

wonderful story

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Modern

about belonging,
love and the
aching certainty
that there's
something more
out there . . . sure
to appeal to fans
of Time and Again
or The Time
Traveler's
Wife."—Shelf
Awareness

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(starred review)
Modern

"With lovely shades of The Time Traveler's Wife, Valley of the Moon is a magical, cinematic novel, breathlessly romantic and alive with the love of language."—Sarah Addison Allen "An

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Modern

enjoyable magic
carpet ride . . .

Two narrators,
separated by
nearly a century,
tell a tale of old-
time charm and
contemporary
agita."—Kirkus
Reviews "Captivati
ng."—Booklist
"Gripping . . . This

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Modern

update of
Brigadoon is
recommended
because of its well-
crafted twists and
thought-provoking
insights into
different times and
cultures.”—Historic
al Novels Review
“A propulsive and
at times deeply

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suspenseful novel

Modern

. . . [Valley of the

Moon] offer[s]

powerful and

perceptive

considerations

about the passage

of time, the shape

of our lives and the

often unintended

effects our actions

have on the

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Modern

people and
communities
around
us.”—Bookreporter
The moon has
always been the
most obvious
feature in our night
sky. It is our
nearest celestial
neighbour, orbiting
the earth at an

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Modern

average distance
of 384,400

kilometers, and is
large enough to
display significant
detail even to the
unaided eye. Our
moon has drawn
observers since
the dawn of
humankind, and all
people have tried

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Modern

to make sense of
the puzzles it
poses and the
questions it raises.
The moon
provided our
ancient ancestors
with one of the
earliest means of
keeping and
measuring time,
and many early

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Modern

religions had cults
that worshipped it.
When it eclipses
the sun it provides
one of the most
awe-inspiring
views in nature. In
The Moon,
celebrated
amateur
astronomer Bill
Leatherbarrow

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provides expert insight into the history of our study of this compelling astronomical body. Drawing on his own decades of lunar observation, he describes how and why the observation and study of the moon

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has evolved, particularly in the age of telescopic study. He also offers an overview of current scientific thinking and developments in lunar science since the advent of the Space Age, even providing practical

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advice on how to
make your own
observations of the
moon. Extensively
illustrated with
images of the
lunar surface
taken both from
spacecraft and
using amateur
equipment, this
book is an

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accessible
introduction to
complex
astrophysical
concepts that will
give all amateur
astronomers and
anyone fascinated
by this natural
satellite something
to moon over.

A Novel

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A Conceptual
World View

Lunar Sourcebook

Trigonometry

Trigonometry For
Dummies

The Distance of
the Moon

Here men from the
planet earth. First set
foot upon the moon -
July 1969 A.D. We

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Came in peace for all mankind. From the plaque on the Eagle, Apollo 11, which landed on the moon on July 20, 1969.

Mahmoud's passion for his wife Fereiba, a schoolteacher, is greater than any love she's ever known. But their happy, middle-class world—a life of education, work, and

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comfort—implodes when their country is engulfed in war, and the Taliban rises to power. Mahmoud, a civil engineer, becomes a target of the new fundamentalist regime and is murdered. Forced to flee Kabul with her three children, Fereiba has one hope to survive:

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she must find a way
to cross Europe and
reach her sister's
family in England.

With forged papers
and help from kind
strangers they meet
along the way,
Fereiba make a
dangerous crossing
into Iran under cover
of darkness.

Exhausted and
brokenhearted but

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undefeated, Fereiba manages to smuggle them as far as Greece. But in a busy market square, their fate takes a frightening turn when her teenage son, Saleem, becomes separated from the rest of the family. Faced with an impossible choice, Fereiba pushes on

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with her daughter and baby, while Saleem falls into the shadowy underground network of undocumented Afghans who haunt the streets of Europe's capitals. Across the continent Fereiba and Saleem struggle to reunite, and ultimately find a place where they can begin to reconstruct

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their lives.

Science and fiction
interweave delightfully
in these playful
Cosmicomicshort
stories.

Of the 1586 lunar
craters that have
been named to
honour scientists and
philosophers, only 28
honor a woman. Who
were these women?
What has happened

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Moon Penguin
to make women
Modern
Hiroshima
Moons: A Very Short
Introduction
Physics
A Guide to Our
Closest Neighbor