

LOCATION: LIGHTHOUSE OF ALEXANDRIA

Answer: **SMOKE AND MIRRORS**

Each paired clue refers to compound words that end in LIGHT and HOUSE. The back half of the compound words are represented by a light bulb and a house emoji, respectively. Each pair has at least one letter in common, which fit into one of the 15 mini grids. The intersecting letters spell, in order, SMOKE AND MIRRORS.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S | U | N | 🔦 | | F | | | D | | S | | P | | P | | G | | | F | L | O | O | D | 🔦 | | | | | | | |
| A | | | | | A | | S | P | O | T | 🔦 | | T | | H | E | A | D | 🔦 | | L | | | | R | | | | O | | |
| F | | | | | R | | | G | | E | | N | | F | L | A | S | H | 🔦 | | E | | | | | | L | | | | |
| E | | | | L | I | M | E | 🔦 | | 🏠 | | | A | | T | | Y | | E | | | | | | L | | | | | | |
| 🏠 | | | | | 🏠 | | | | B | L | A | C | K | 🔦 | | 🏠 | | | 🏠 | | | N | I | G | H | T | 🔦 | | 🏠 | | |
| | | | | | | | | | | 🏠 | | | | | | | | | 🏠 | | | | | | | | | | | | |
| M | O | O | N | 🔦 | | B | | | | W | | | S | E | A | R | C | H | 🔦 | S | T | O | P | 🔦 | | P | | S | K | Y | 🔦 |
| A | | | | | H | I | G | H | 🔦 | | A | | | | | O | | | | | | U | | | | O | | T | | | |
| D | | | | | R | | | | G | R | E | E | N | 🔦 | | U | | | | | | | T | | | | W | | A | | |
| 🏠 | | | | | D | | | | | E | | | | | | G | | | | | 🏠 | | | | | | E | | T | | |
| | | | | | 🏠 | | | | | 🏠 | | | | | | H | | | | | | | S | T | A | R | 🔦 | | E | | |
| | | | | | | | | | | | | | | | | 🏠 | | | | | | | | | | | 🏠 | | 🏠 | | |

| | |
|---|--|
| SUNLIGHT/ S AFEHOUSE LIMELIGHT/ F ARMHOUSE | Source of vitamin D / Secret sanctuary An attention-seeker basks in it / Old McDonald's abode |
|---|--|

| | |
|--|---|
| <p>SPOTLIGHT/DOGHOUSE BLACKLIGHT/STEAKHOUSE HEADLIGHT/PENTHOUSE FLASHLIGHT/PLAYHOUSE NIGHTLIGHT/GREENHOUSE FLOODLIGHT/DOLLHOUSE MOONLIGHT/MADHOUSE HIGHLIGHT/BIRDHOUSE GREENLIGHT/WAREHOUSE SEARCHLIGHT/ROUGHHOUSE STOPLIGHT/OUTHOUSE STARLIGHT/POWERHOUSE SKYLIGHT/STATEHOUSE</p> | <p>2015 Best Picture winner / Where you might find a spouse in trouble Fixture of a rave / Where's the beef? It could be high or low / It's found at the top Element of many scary stories / Where you could watch a scary story It keeps monsters at bay / _____ gas They're seen on playing fields / Place for Barbie 2016 Best Picture winner / A frenzied and noisy place, colloquially It's typically yellow / Shelter for a swift or swallow Give the go-ahead / Locale for shipping logistics It lights up a certain movie studio logo / Play around boisterously It tells you when to go ahead / A characteristically rural latrine What Sirius or Betelgeuse produces / One that's strong in their field Alternative to a window / Where a legislature meets</p> |
|--|---|

Once the puzzle is complete, read the letters below each sailor row by row to spell FOURTH LETTERS DARK SAILS.

The fourth letters of the ships with the darkest sails — PY**T**HONIC, BEH**E**MOTH, EN**O**RMOUS, HUM**O**NGOUS, GOLIATH, and HER**C**ULEAN — spell the answer, HEROIC.

MAIN PUZZLE: THE MAUSOLEUM AT HALICARNASSUS

Answer: **COFFIN**

Every person in the puzzle is a noteworthy eponym — they've lent their names to various words, which are clued below the mausoleums. Each clue is associated with an arrow sequence in a straight line. Draw corresponding lines from each mausoleum across the grid — one space for one arrow, two spaces for two arrows, in the direction indicated — to spell out the letters of the answer, COFFIN.

| | | | | | | | | |
|--------------------------|--------------|-------------------|------------------------|-------------|---|--------------------------------------|--|----------------------------|
| CHARLES BOYCOTT | | | DANIEL ELMER SALMON | | GEORGE WASHINGTON GALE FERRIS JR. | AMBROSE BURNSIDE | | ELBRIDGE GERRY |
| | | | | | | FERDINAND VON ZEPPELIN | | |
| SYLVESTER GRAHAM | | JULES LÉOTARD | JEAN NICOT | | JULIUS RICHARD PETRI | | | |
| | | LEONHART FUCHS | | ADOLPHE SAX | JOHN DUNS SCOTUS | | | ALFREDO DI LELIO |
| | AXEL PAULSEN | | | | | | | |
| ÉTIENNE DE SILHOUETTE | | | | | HENRY SHRAPNEL | MUḤAMMAD IBN MŪSĀ AL-KHWĀRIZMĪ | | JOSEPH-IGNACE GUILLOTIN |

A raw deal **SALMONELLA** — *Daniel Elmer Salmon*

It jump-starts **AXEL** — *Axel Paulsen*

A party favor **GERRYMANDERING** — *Elbridge Gerry*

It's totally nuts **MACADAMIA** — *John Macadam*

It goes for a spin **FERRIS WHEEL** — *George Washington Gale Ferris Jr.*

A piece of the pie **GRAHAM CRACKER** — *Sylvester Graham*

It noodles around **ALFREDO SAUCE** — *Alfredo di Lelio*

It powers engines **ALGORITHMS** — *Muḥammad ibn Mūsā al-Khwārizmī*
It came to a head **GUILLOTINE** — *Joseph-Ignace Guillotin*
A famous one is led **ZEPPELIN** — *Ferdinand von Zeppelin*
A shadow of oneself **SILHOUETTE** — *Étienne de Silhouette*
It's known to go solo **SAXOPHONE** — *Adolphe Sax*
They're not buying it **BOYCOTT** — *Charles Boycott*
It's often multicultural **PETRI DISH** — *Julius Richard Petri*
One is often cornered **DUNCE** — *John Duns Scotus*
It goes through a sticky patch **NICOTINE** — *Jean Nicot*
It covers many long stretches **LEOTARD** — *Jules Léotard*
Result of dropping a bombshell **SHRAPNEL** — *Henry Shrapnel*
It's cheeky **SIDEBURNS** — *Ambrose Burnside*

Duck-billed mammal that lays eggs **PLATYPUS**

Lawyer **ATTORNEY**

Armored glove often “thrown down” to challenge someone **GAUNTLET**

Forever and ever and ever and ever **ETERNITY**

Place where boats are built, docked, and repaired **SHIPYARD**

A minor planet **ASTEROID**

Role in literature who might be omniscient or unreliable **NARRATOR**

Branch of mathematics dealing with derivatives **CALCULUS**

The distance across a circle **DIAMETER**

Push-ups or squats, for example **EXERCISE**

Genial and welcoming, like a certain ghost **FRIENDLY**

The Periodic Table of _____ **ELEMENTS**

Our home, astronomically **MILKY WAY**

At 12, skateboarder Kokona Hiraki was the _____ medalist of the 2020 Olympics **YOUNGEST**

Slow and steady protagonist of one of Aesop’s fables **TORTOISE**

_____ Horseman, of *The Legend of Sleepy Hollow* **HEADLESS**

Higher than a bass but deeper than a tenor **BARITONE**

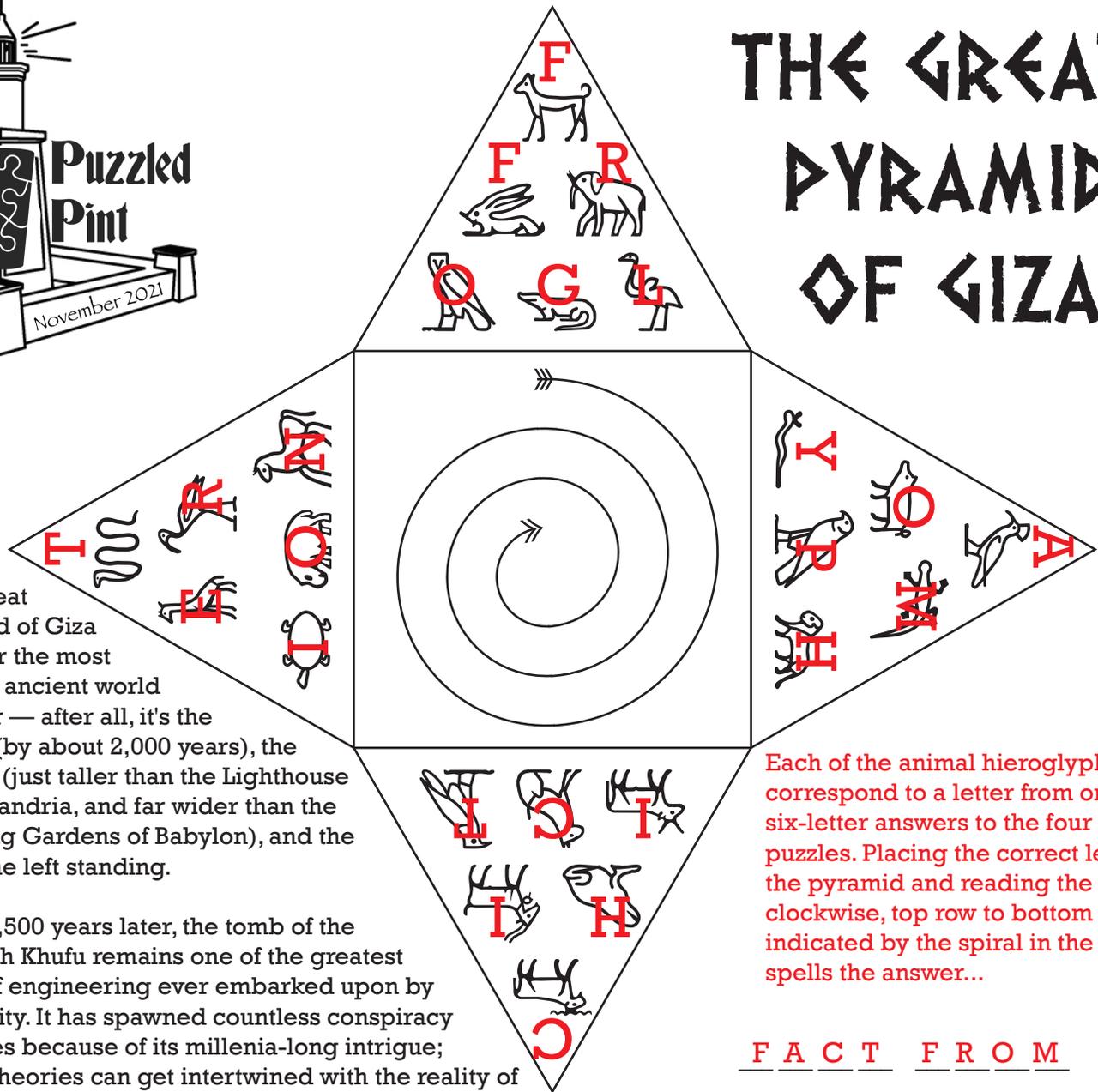
Type of movie comedy often featuring a “meet cute” **ROMANTIC**

Invisible light used in thermal imaging and remote controls **INFRARED**

Candy on a stick **LOLLIPOP**



THE GREAT PYRAMID OF GIZA



The Great Pyramid of Giza is by far the most famous ancient world wonder — after all, it's the oldest (by about 2,000 years), the largest (just taller than the Lighthouse of Alexandria, and far wider than the Hanging Gardens of Babylon), and the only one left standing.

Over 4,500 years later, the tomb of the pharaoh Khufu remains one of the greatest feats of engineering ever embarked upon by humanity. It has spawned countless conspiracy theories because of its millenia-long intrigue; those theories can get intertwined with the reality of the historical record, so for any self-respecting archeologist, it's important to tell...

Each of the animal hieroglyphs correspond to a letter from one of the six-letter answers to the four main puzzles. Placing the correct letters in the pyramid and reading the message clockwise, top row to bottom (as indicated by the spiral in the middle) spells the answer...

F A C T F R O M

H I E R O G L Y P H I C T I O N

H E R O I C



THE COLOSSUS OF RHODES

C O F F I N



THE MAUSOLEUM AT HALICARNASSUS

P O R T A L



THE TEMPLE OF ARTEMIS

M I G H T Y



THE STATUE OF ZEUS

BONUS: THE HANGING GARDENS

Answer: **BABYLONGSHOT**

| | | | | | | | | | | | | | | | | |
|--|--|-----------|-----------|--|--|--|--|-----------|-----------|--|--|--|--|-----------|-----------|--|
| | | ROSE | | | | | | DATE | | | | | | PEAR | | |
| | | NE | TH | | | | | AI | EN | | | | | CA | AL | |
| | | LI | RU | | | | | CH | YA | | | | | IN | TO | |
| | | <u>BA</u> | <u>BY</u> | | | | | <u>LO</u> | <u>NG</u> | | | | | <u>SH</u> | <u>OT</u> | |

Ancient Andean **INCA**
 Arsonist emperor, some say **NERO**
 Basically a red sapphire **RUBY**
 Drive-____ **THRU**
 Drying sea by Kazakhstan **ARAL**
 Indonesian tourist hotspot **BALI**
 It could be blind or double **DATE**
 It's covered by a maxi **SHIN**
 Low female voice **ALTO**
 Meyers or Rogan **SETH**
 Not all superheros wear one **CAPE**
 One lamenting puberty **TEEN**
 Shape of a curvy figure **PEAR**
 Singer known to "sail away" **ENYA**
 Tea variety that translates to "tea" **CHAI**
 The white half of ☯ **YANG**
 Trendy pinkish wine **ROSE**
 Trumpet or tugboat sound **TOOT**
 Verdi opera or Elton John musical **AIDA**
 Where Nessie lives **LOCH**
 Word after power or bottom **LINE**