



## 2022-23 High School Season Opener (T1) – Pack 9

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# PACK 9

## FIRST QUARTER

### 6-Part Blitz

1. What kind of organism has its cell wall primarily composed of chitin and has examples such as mold and yeasts?  
A: **fungus** (accept: **fungi**)
2. What is the title of a photo showing the death of a man who worked at the Windows on the World restaurant, taken during 9/11?  
A: *The **Falling Man***
3. The American Supreme Court has how many justices?  
A: **9**
4. *The Scream* by Edvard Munch is considered an early work of what art movement?  
A: **expressionism** (accept: **expressionist**)
5. What sport is played by South Africans Charl Schwartzel and Louis Oosthuizen on the Liv tour?  
A: **golf**
6. The Nakota, Dakota, and Lakota are major groups of what Native American people?  
A: **Sioux** ["Soo"]

### Double Jumps

7. What character was portrayed by Jonny Lee Miller in *Elementary* and by Benedict Cumberbatch in a titular award-winning B.B.C. show?  
A: **Sherlock Holmes** (accept either underlined part)
8. In two Netflix films released in 2020 and 2022, what teenage sister of Sherlock is a brilliant detective in her own right?  
A: **Enola** Holmes
9. Named after a nuclear testing site in the Pacific, what is the most common form of two-piece swimwear?  
A: **bikini**
10. In 2016, what form of swimwear created for Muslim women was banned in many French cities? Its name is a portmanteau of "bikini" and an Islamic religious garment.  
A: **burkini**

11. Drowned, ghosts, and creepers are all hostile mobs encountered in what video game?

A: **Minecraft**

12. What passive mobs can only be found in the Mushroom Fields biome?

A: **mooshrooms**

13. What Renaissance artist is known for paintings such as *The Vitruvian Man*, *The Last Supper*, and *The Mona Lisa*?

A: **Leonardo da Vinci** (accept either underlined part)

14. What other painting by da Vinci depicts Jesus in a blue robe, holding a crystal ball in his left hand? It holds the record for most expensive painting ever sold.

A: **Salvator Mundi**

#### **Set of 4: Scales**

15. What scale measures the intensity of wind?

A: **Beaufort** Scale

16. On what kind of scale is each note separated by a semitone?

A: **chromatic** scale

17. Which sign of the Zodiac is represented by scales?

A: **Libra**

18. The scales of cartilaginous fish, such as sharks and rays, are made of the same material as what other body parts?

A: **teeth**

#### **Jackpot**

19.

Part 1: Who won the Orteig Prize? In a 2004 alternate history novel by Philip Roth, they were elected president of the United States.

Part 2: This was the first ever Time Man of the Year. He was the main spokesman for the America First Committee, arguing against providing support to the Allies in World War II before Pearl Harbor.

Part 3: Richard Hauptmann was convicted of kidnapping and murdering this man's baby son, an incident known as the "crime of the century".

Part 4: In 1927, flying the Spirit of St. Louis, he became the first pilot to complete a solo transatlantic flight.

A: Charles **Lindbergh**

#### 4-Part Blitz

22. What recreational activity consists of sliding downwards at high speeds along a long cable between two high points, often done by tourists in the wilderness?

A: **ziplines** (accept word forms)

23. What is the title of the book brought to Earth by aliens called Kanamits in an episode of *The Twilight Zone*?

A: ***To Serve Man***

24. What term refers to the leading bridesmaid at a wedding?

A: **maid of honour**

25. Give either the current or former name of the skin cream produced by Unilever that was forced to rebrand in 2020 due to accusations of promoting colourism.

A: **Glow & Lovely** (accept: **Fair & Lovely**)

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### SECOND QUARTER

#### Splits: Historical Inventions & Poetic Languages

##### Historical Inventions

26. Who invented the cotton gin?

A: Eli **Whitney**

27. What substance may have been invented accidentally by Chinese alchemists, and only later began to be used in weapons and fireworks?

A: **gunpowder** (accept: **black powder**) (prompt on: powder)

28. Building on Thomas Newcomen's work, what Scotsman spurred the Industrial Revolution by designing the first powerful steam engines?

A: James **Watt**

29. What civilization never discovered the wheel or invented writing, yet was still able to develop an extensive road network and a mathematical system that used strings called quipu ["KEE-poo"]?

A: **Incas** (accept: **Inca** people, **Inca** Empire)

## Poetic Languages

Given a line of poetry, and then a brief description of the line, give the language in which it was originally written.

30. "Old pond / Frog jumped in / Sound of water." It's found in *Narrow Road to the Deep North*, alongside several other poems written in a similar three-line format.

A: **Japanese**

31. "You, who hear the sound in scattered rhymes." A line found in *The Songbook*, addressed to Laura by Petrarch.

A: **Italian**

32. "Tonight I can write the saddest lines." The opening line of a collection of 21 poems that ends with a "Song of Despair".

A: **Spanish**

33. "A jug of wine / a loaf of bread / and thou." Part of one of the many quatrains found in the *Rubaiyat* of Omar Khayyam.

A: **Persian** (accept: **Farsi**)

## Set of 4: Celebrity Couples

34. What portmanteau has been given to two of Ben Affleck's relationships?

A: **Bennifer**

35. A woman referred to as "Becky with the good hair" was at the centre of marital trouble between what two musicians?

A: **Beyoncé Knowles-Carter** (accept either underlined part) AND **Jay-Z**  
(accept: Shawn **Carter**) (accept: the **Carters**)

36. Following his split with Camila Morrone in August 2022, social media accounts pointed out that what actor often breaks up with his girlfriends around their 25th birthday?

A: Leonardo **DiCaprio**

37. James Dougherty, Joe DiMaggio and Arthur Miller, but not J.F.K., were all married to what legendary sex symbol?

A: Marilyn **Monroe** (accept: Norma **Baker**)

## Streaks

38. Name up to all five Roman emperors from the Julio-Claudian Dynasty.

A: **Augustus** (accept: **Octavian**), **Tiberius**, **Caligula**, **Claudius**, **Nero**

40. Name up to all five Canadian provincial capitals that are *not* the largest city in their province.

A: **Victoria, Edmonton, Regina, Quebec City, Fredericton**

#### **Set of 4: Sequences**

Provide the 6th term in each of the following sequences.

43. 1, 1, 2, 3, 5; the Fibonacci sequence.

A: **8**

44. You will have 5 seconds. The geometric sequence 32, 48, 72, 108, 162, where the common ratio is 1.5.

A: **243**

45. The Lucas sequence: 2, 1, 3, 4, 7, which follows the same rule as the Fibonacci sequence.

A: **11**

46. Three-digit prime numbers: 101, 103, 107, 109, 113.

A: **127**

#### **4-Part Blitz**

47. What was the occupation of David Ayres when he was used as an emergency backup goalie for an N.H.L. game on February 22nd, 2020, saving 8 of 10 Maple Leafs shots he faced to preserve a lead for the Hurricanes?

A: **zamboni** driver (accept: **zamboni** operator)

48. The atmosphere of Venus is primarily made up of what gas?

A: **carbon dioxide** (accept: **CO<sub>2</sub>**)

49. In what town was Elvis born?

A: **Tupelo**, Mississippi

50. What kind of doctor would use a LogMAR chart, which is a modernized form of a Snellen chart?

A: **eye** doctor (accept: **ophthalmologist, optometrist**)

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## THIRD QUARTER

### Splits: American Rivers & Iconic Movie Quotes

#### American Rivers

51. The Industrial Canal and the Bonnet Carre ["BON-ee CARE-ee"] Spillway connect what river to Lake Pontchartrain in the New Orleans area?

A: **Mississippi** River

52. Which state borders the Niagara River and contains most of the Hudson River?

A: **New York**

53. The delta of what river sometimes traverses the Sonoran desert to the Gulf of California, but has essentially died out due to the creation of Lake Mead and ongoing drought?

A: **Colorado** River

54. What river's headwaters can be found at Three Forks, Montana? It merges with the Mississippi just north of St. Louis.

A: **Missouri** River

#### Iconic Movie Quotes

Given a quote from a movie, name the movie where it is found.

55. "How many of you have ever felt personally victimised by Regina ["re-JEE-na"] George?"

A: **Mean Girls**

56. "Funny how? I mean, funny like I'm a clown? I amuse you? I make you laugh?"

A: **Goodfellas**

57. "Mr. Stark, I don't feel so good."

A: *Avengers: **Infinity War***

58. "I love the smell of napalm in the morning."

A: **Apocalypse Now**

#### Set of 4: Iron

59. Named for an animal, what high-carbon form of iron is an intermediate product when making steel?

A: **pig** iron

60. What is the atomic number of iron?

A: **26**

61. Which British Prime Minister was known as the Iron Lady?

A: Margaret **Thatcher**

62. What protein with four iron atoms carries oxygen in the bloodstream?

A: **hemoglobin**

### **Deep Dive**

63. Who joked that if her mommy read all her lyrics she would pity the men she knows, and claimed to be the “might seduce your dad type”, in her song “Bad Guy”?

A: Billie **Eilish** (accept: Billie Eilish Pirate Baird **O’Connell**)

The remaining questions deal with Billie Eilish.

64. First released on Soundcloud when Eilish was 13 years old, in what song does Eilish claim “you really know how to make me cry when you gimme” the title objects? She later allowed a non-profit to use this song for free to raise awareness about the Great Barrier Reef.

A: **“Ocean Eyes”**

65. Who became the youngest person to win a Grammy for Producer of the Year, non-Classical, for producing Eilish’s debut album? This man is also her songwriting partner as well as her brother.

A: **Finneas** O’Connell (prompt on: O’Connell)

66. On which song from her first album does Eilish sing the album’s title, *When We All Fall Asleep, Where Do We Go?*

A: **“Bury a Friend”**

67. In what song’s music video does Eilish sing into a landline phone on a couch during the softer first half, then dance on a roof in a rainstorm during the more dramatic second half?

A: **“Happier than Ever”**

### **Set of 4: Bananas**

68. “Split”, “Dump”, and “Peel” are things you might yell while playing what word game that comes in a banana-shaped bag?

A: **Bananagrams**

69. Replacing the Gros Michel in the 1950s, what is now the most common banana cultivar?

A: **Cavendish**



70. Now known as Chiquita, what American company held a near-monopoly on the Central American banana trade in the 20th century and successfully lobbied the C.I.A. to overthrow Guatemala's government in 1954?

A: **United Fruit** Company (accept: **U.F.C.**)

71. What element in bananas makes them ever so slightly radioactive?

A: **potassium** (accept: **K**)

## Shootout

72.

S1. In what city is *A Streetcar Named Desire* set?

A: **New Orleans**

S2. What actress showed off her large bowls of limes during an *Architectural Digest* tour of her house, only to later reveal she was actually allergic to them?

A: Dakota **Johnson**

S3. What W.N.B.A. star has been held by Russian authorities since February 2022?

A: Brittney **Griner**

S4. Robertson and Phillips are two common types of what household objects?

A: **screwdrivers** (accept: **screws**)

S5. How many faces does the only platonic solid with pentagonal faces, a dodecahedron, have?

A: **12**

S6. In 1529 and 1683, Ottoman Turkey unsuccessfully tried to conquer what European capital city?

A: **Vienna**

S7. What T.V. show began each episode by showing the audience how the murder was committed, and then followed the quirky titular detective, played by Peter Falk, as he cracked the case?

A: **Colombo**

S8. The opposite of estivation, what behaviour seen in some animals derives its name from the Latin word for "winter"?

A: **hibernation** (accept word forms)

S9. Who wrote the Surprise Symphony?

A: Franz Joseph **Haydn**

S10. Timothy Dalton and George Lazenby each briefly played what famous character?

A: **James Bond** (accept either underlined part)

S11. What is the third-most populous province in Canada?

A: **British Columbia** (accept: **B.C.**)

S12. A hand and a foot add up to how many inches?

A: **16** inches

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## FOURTH QUARTER

### 4-Part Blitz

76. What is the S.I. unit for weight?

A: **Newton**

77. What alphanumeric name was given to the potentially catastrophic consequences of computers not being able to properly store the year 2000?

A: **Y2K**

78. What peninsula does the Gulf of California separate from the rest of Mexico?

A: **Baja California** (accept: **Lower California**)

79. What philosophy was described as “a new name for some old ways of thinking” in a treatise by William James?

A: **pragmatism** (accept word forms)

### Set of 3: Fictional Places

80. Telmar, Calormen, and Archenland are parts of what fictional land, which also contains the castle Cair Paravel and was created by C.S. Lewis?

A: **Narnia**

81. What fictional nation features a place called the Former University Compound, previously Harvard, which is where the aunts live?

A: Republic of **Gilead**

82. Parodies of Britain and France, what two islands are inhabited by people about 6 inches tall in *Gulliver's Travels* by Jonathan Swift?

A: **Lilliput** AND **Blefuscu**

### Set of 3: What Colour Is It?

Given an object or set of objects, give the colour they are best known for being. All answers are one word long.

83. Ford Model T cars.

A: **black**

84. The jacket given each year to the winner of the Masters.

A: **green**

85. The light at the end of the Buchanans' dock in *The Great Gatsby*.

A: **green**

## Jackpot

86.

Part 1: What author wrote a novel in which Verloc is tasked with blowing up the Greenwich ["GREN-ich"] observatory?

Part 2: This author was called a "thoroughgoing racist" by Chinua Achebe in a 1975 lecture subtitled for their most famous novel.

Part 3: This author wrote a novel in which a man who delivers the order "exterminate all the brutes" utters the final words "the horror, the horror".

Part 4: This author featured the narrator Marlow and the ivory trader Kurtz in his novel *Heart of Darkness*.

A: Joseph **Conrad**

## 12-Part Blitz

89. What audio technology company has a logo with two semicircles arranged in the shape of forwards and backwards capital Ds facing each other?

A: **Dolby**

90. What T-word refers to a person who abstains from alcohol?

A: **teetotaler**

91. The Greek-derived prefix "tetra" refers to what number?

A: **four**

92. Mass times velocity gives what quantity?

A: **momentum**

93. What slang term refers to a video that shows somebody dying?

A: **snuff** film (accept: **snuff** video, **snuff** movie)

94. What initialism can refer to something that is too strong or to the person who started a thread?

A: **O.P.**

95. What is the value of x after running these three lines of code: "x equals 5", "x equals x plus 1", "x equals 3 asterisk x"?

A: x = **18**

96. The medieval word "trencher" referred to a piece of tableware made from what substance, which has an East African variety called injera?

A: **bread**

97. An abundance of nitrogen and/or phosphorus in an aquatic ecosystem leads to what process, where the excess nutrients can eventually lead to oxygen depletion?

A: **eutrophication**

98. What is a group of rabbit burrows called?

A: **warren**

99. The Apennine mountains traverse most of the length of what country?

A: **Italy**

100. Ruby and sapphire are both varieties of what mineral?

A: **corundum**