



## 2023-24 High School Qualifier (T3) – Pack 7

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# PACK 7

## 5-Part Blitz

1. Lance Barksdale, Angel Hernandez, and Joe West have all held what occupation?  
A: MLB/baseball **umpire**
2. Name either of the groups that collaborated on the song "My Universe", released in 2021.  
A: **Coldplay** OR **BTS** (accept: **Bangtan Boys**)
3. With a thick nitrogen atmosphere that contains traces of many hydrocarbons, what is the largest moon of Saturn?  
A: **Titan**
4. In what year did the Tsarnaev brothers commit a terror attack at the Boston marathon?  
A: **2013**
5. What kind of bond is found between elements with a large electronegativity difference, such as calcium and chlorine?  
A: **ionic** bond

## Double Jump

6. Known for its pleasant climate and its large naval base that hosts the American Pacific Fleet, what city sits on the border with Mexico in southern California?  
A: **San Diego**
7. What large Mexican city lies directly across the border from San Diego?  
A: **Tijuana**

## Double Jump

8. What is the most common name of the board where a wooden planchette hovers over numbers and letters to supposedly spell out messages from the dead?  
A: **Ouija** ["WEE-ja" or "WEE-jee"] board
9. Most classic Ouija boards feature what phrase at the bottom centre, usually right below the row of numbers?  
A: **GOOD BYE**

## Set of 4

10. What name is given to the series of medieval wars in which Asturias, Leon and other kingdoms ended Muslim rule over most of the Iberian peninsula?  
A: the **Reconquista**
11. What wife of Ferdinand II helped complete the Reconquista and ruled as the first queen of Spain?  
A: **Isabella/Isabel I** (accept: **Isabella/Isabel the Catholic**, **Isabella/Isabel of Castille**) (prompt on: **Isabella/Isabel**)
12. The Reconquista is generally held to have begun with what 8th century battle in which the Kingdom of Asturias repelled a larger Umayyad force?  
A: Battle of **Covadonga**

13. A decree that expelled Jews from Spain, issued right after the Reconquista, is named after what palace in Granada?  
A: **Alhambra**

### **Jackpot**

14. Part 1: What place titles a 2009 film directed by Duncan Jones and starring Sam Rockwell as a miner?  
15. Part 2: A 1902 film by George Méliès is titled for a trip to this place.  
16. Part 3: Gru plans to shrink this location and steal it in the 2010 film *Despicable Me*.  
17. Part 4: This was the original intended destination of Tom Hanks and his crewmates in the movie *Apollo 13*.  
A: the **Moon**

### **Set of 3: Errors**

18. In Java, what three-letter keyword names a block of code where exceptions might be thrown and caught by the "catch" block?  
A: **try**
19. In what Manitoban town did an Air Canada plane make an emergency landing in 1983 after a unit conversion error meant the plane ran out of fuel and became a glider?  
A: **Gimli**
20. What "B"-word is used for a major error in chess?  
A: **blunder**

### **5-Part Blitz**

21. What term refers to a ball at which people wear costumes that cover their faces and conceal their identities?  
A: **masquerade** ball
22. What food item is the god of death Ryuk addicted to throughout the series *Death Note*?  
A: **apples**
23. What school of Jewish thought seeks to explain the relationship between an immortal unchanging god and the mortal finite universe he created?  
A: **Kabbalah**
24. What former Minneapolis mayor and vice president of the United States was the namesake of the dome the Minnesota Vikings played in from 1982 to 2013?  
A: Hubert H. **Humphrey**
25. What confectionery consists of a chocolate wafer shell encasing a whole hazelnut, wrapped in gold foil?  
A: **Ferrero Rocher**

## **END OF FIRST QUARTER**

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## **SECOND QUARTER**

### **Splits: Physicists & Children's Books**

#### **Physicists**

26. What Caltech professor popularized physics education with his namesake *Lectures on Physics*?  
A: Richard **Feynman**

27. Who wrote the biology book *What is Life?* which proposed a helical structure of DNA, but is more famous as a physicist known for a thought experiment where a cat can be both dead and alive?  
A: Erwin **Schroedinger**
28. Although he won the Nobel Prize for his work with the photoelectric effect, who is better known for his theories of relativity?  
A: Albert **Einstein**
29. Who wrote *On the Shoulders of Giants* and *A Brief History of Time*?  
A: Stephen **Hawking**

### Children's Books

30. What graphic memoir by Raina Telgemeier follows her childhood struggle with braces and other dental appliances after her two front teeth were injured in a fall?  
A: **Smile**
31. What daughter of a ship captain known for her super strength and red hair was created by Swedish author Astrid Lindgren?  
A: **Pippi Longstocking** (accept either bolded part)
32. The bedtime ritual of a rabbit is described in what classic picture book by Margaret Wise Brown?  
A: **Goodnight Moon**
33. In what series are siblings Jack and Annie magically teleported out of their backyard and into various historical and fictional settings?  
A: **Magic Tree House**

### Double Jump

34. General Richard Montgomery was killed in what major December 1775 battle, a failed attempt by the Continental Army to capture the namesake Canadian city?  
A: Battle of **Quebec**
35. What British administrator organized and led the defense of Quebec during the battle?  
A: Guy **Carleton**

### Double Jump

36. Most deaf people in English Canada use what sign language?  
A: **American** sign language (accept: **ASL**)
37. The world's most-used sign language is a dialect continuum mostly spread across four countries. Name any of the four.  
A: **India** OR **Pakistan** OR **Bangladesh** OR **Nepal**

### Set of 4: Seasons

38. Many environments near the equator, where temperature varies little throughout the year, have what two kinds of seasons?  
A: **dry** seasons AND **wet/rainy/monsoon** seasons
39. The ancient Egyptian calendar began with a season named for what annual event, which enabled agriculture by providing arid regions with water?  
A: **flooding/inundation** of the Nile River
40. What humanistic philosopher and Catholic saint was memorialized in Robert Bolt's play *A Man for All Seasons*?  
A: Thomas **More**
41. What word is used in England for a season of a TV show?  
A: **series**

### Set of 5: Great Lakes

42. Which two continents have groupings of large lakes known as “Great Lakes”?  
A: **North America** AND **Africa**
43. Because water flows both ways through the Straits of Mackinac [“MACK-in-awe”] to keep them in equilibrium, which two North American Great Lakes are sometimes considered to be one massive lake?  
A: Lake **Michigan** AND Lake **Huron**
44. With the second-most fresh water of any lake in the world, what lake forms the border between Tanzania and the DRC?  
A: Lake **Tanganyika**
45. What river do the North American Great Lakes eventually flow into?  
A: **St. Lawrence** River
46. What language is spoken as a lingua franca in the region around the African Great Lakes?  
A: **Swahili**

### Linked Set of 4

47. What are connected to muscles by tendons?  
A: **bones**
48. What is the most abundant metal in the human body, where it is crucial to the formation of bones?  
A: **calcium** (accept: **Ca**)
49. How many electrons are in the valence shell of an atom of calcium?  
A: **2**
50. When rolling a pair of six-sided dice, what is the probability of rolling a sum of 2?  
A: **1/36**

### END OF FIRST HALF

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### THIRD QUARTER

#### Splits: Opera & Spelling

##### Opera

51. Giacomo Meyerbeer’s *Les Huguenots* is in what operatic style of the mid-1800s that often featured large ensembles and lavish casts?  
A: **grand** opera
52. The title character is dragged to hell for his adulterous ways in what opera by Mozart?  
A: **Don Giovanni**
53. What city’s opera house has a ceiling painted by Marc Chagall and is the setting of *The Phantom of the Opera*?  
A: **Paris**
54. What city names a style of opera combining music, dance, and acrobatics, that was first developed in the mid-Qing Dynasty?  
A: **Peking** (accept: **Beijing**)

##### Spelling

55. An adjective meaning weak in resolve or unassertive: spell milquetoast ["MILK-toast"].  
A: **M-I-L-Q-U-E-T-O-A-S-T**
56. A form of mucus that forms in the lungs and throat: spell phlegm ["flem"].  
A: **P-H-L-E-G-M**
57. An adjective meaning emotionally stirring or powerful, spell poignant ["POY-nyunt"].  
A: **P-O-I-G-N-A-N-T**
58. An adjective meaning quick to understand things that are not obvious: spell perspicacious.  
A: **P-E-R-S-P-I-C-A-C-I-O-U-S**

### Set of 3: Japanese Literature

59. Seventeen phonetic units called "on" are used to write what Japanese form of poetry?  
A: **haiku**
60. Father Dosen advises the protagonist, "if you see the Buddha, kill the Buddha" in what Yukio Mishima novel?  
A: *The **Temple of the Golden Pavilion***
61. Allusions to Franz Kafka, George Orwell, and the Beatles are found in the titles of novels by what Japanese author?  
A: Haruki **Murakami**

### Jailbreak

62. Which letter designates species that produce many offspring as a survival strategy, as opposed to K-selected species which invest more heavily in only a few offspring?  
A: lowercase/small/little **r**
63. Name both singles champions from this year's Australian Open.  
A: Aryna **Sabalenka** AND Jannik **Sinner**
64. What is the easternmost historical region of Czechia?  
A: **Moravia**
65. What viral 2024 game, whose developers insisted it was "not a scam" in its early access release, has been nicknamed "*Pokemon with guns*"?  
A: **Palworld**
66. Émile Zola's letter "J'accuse!" was written in defense of what French army officer, who Zola believed was unfairly persecuted due to antisemitic bias?  
A: Alfred **Dreyfus**
67. What term refers to the temperature at which a parcel of air reaches 100% relative humidity, becoming completely saturated with water vapour?  
A: **dew point**
68. The automakers Lotus, McLaren, Rolls-Royce, and Aston Martin are all based in what country?  
A: **United Kingdom** (accept: **UK**, Great **Britain**, **England**)
69. What alliterative term refers to a pencil-like tool that adds definition to the border of one's lips?  
A: **lip liner**
70. What proponent of effective altruism was indicted on 8 counts of wire fraud and money laundering in December 2022, relating to his cryptocurrency exchange FTX?  
A: Sam **Bankman-Fried** (accept: **SBF**)
71. What animal appears in the nicknames of politician Georges Clemenceau, former NHL enforcer Dave Williams, and golfer Eldrick Woods?  
A: **tiger**
72. The leader of the Yellow Hat school of Tibetan Buddhism is referred to by what title?  
A: **Dalai Lama**

73. What is 0.375 as a fraction in lowest terms?  
A: **3/8** ["three eighths" or "three over eight"]
74. The name of what furniture company comes from the name of their signature product, a leather recliner?  
A: **La-Z-Boy** ["lazy boy"]
75. What two-word term refers to a Cantonese brunch featuring many small dishes, such as shrimp dumplings and siu mai?  
A: **dim sum**

## END OF THIRD QUARTER

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## FOURTH QUARTER

### Jackpot

76. Part 1: An artist from what country depicted a woman in blue holding a book and posing for a portrait in his work *The Art of Painting*?
77. Part 2: A painting from this country depicts a physician giving an anatomy lesson on the dissected body of a convict.
78. Part 3: A painting from this country of a citizen militia was given so much varnish that it looks like it takes place at night, hence its common title.
79. Part 4: Painters from this country include the creator of *Girl with a Pearl Earring*, Johannes Vermeer, as well as Rembrandt.  
A: the **Netherlands** (accept: **Holland**)

### Streak

80. You do not need to say how many of each object. Name up to all the gifts that do not involve birds given by the true love in "The Twelve Days of Christmas".
- A: twelve **drummers** drumming
- A: eleven **pipers** piping
- A: ten **lords**-a-leaping
- A: nine **ladies** dancing
- A: eight **maids**-a-milking
- A: five gold/golden **rings**

### Set of 3

83. In June 2023, the city of Rostov was captured by what paramilitary group as part of a short-lived mutiny against the Russian government?  
A: **Wagner** Group
84. After an early career that included running a hot dog stand as well as Concord Catering, who founded the Wagner Group in 2014?  
A: Yevgeny **Prigozhin**
85. Shortly after it was originally deployed to Ukraine in 2014, the Wagner Group began fighting in what country's civil war, supporting the government of Bashar al-Assad?  
A: **Syria**

### Set of 3: Canadian Music

86. Kelso, David Thompson, and Alexander Mackenzie are explorers who, along with the failed Franklin expedition, are commemorated in what Stan Rogers song?  
A: "**Northwest Passage**"
87. What song commemorates the tragic events on the night of November 10th, 1975 near Whitefish Bay, Lake Superior?  
A: "The **Wreck of the Edmund Fitzgerald**"
88. Jan Lisecki ["Lee-SHETS-kee"], Glenn Gould, and Oscar Peterson are all Canadians associated with what instrument?  
A: **piano**

### 12-Part Blitz

89. Who is the captain of the Toronto Maple Leafs?  
A: John **Tavares**
90. The communities of Snag, Old Crow, and Dawson City are located in which Canadian territory?  
A: **Yukon** Territory
91. What word refers to the assumptions on which logical arguments are built?  
A: **premises**
92. In what video game franchise is the warning "you must construct additional pylons" often heard by Protoss players?  
A: **StarCraft**
93. What taxonomic group of mammals includes the extinct Tasmanian tiger, the koala, and the kangaroo?  
A: **marsupials** (accept: **Marsupialia**)
94. What 2019 novel by Margaret Atwood is a sequel to *The Handmaid's Tale*?  
A: *The **Testaments***
95. What is the scientific name for the kneecap?  
A: **patella**
96. What Moroccan city lies on the south shore of the Strait of Gibraltar?  
A: **Tangiers**
97. What Latin name was given to the areas of southern Italy settled by ancient Greeks?  
A: **Magna Graecia**
98. Who was the first to use a form of encryption where each letter is shifted by a fixed value relative to its original place in the alphabet?  
A: Julius **Caesar**
99. Charley Douglas pioneered what sound effect, used on most sitcoms since the 1960s, but notably absent from shows such as *The Office* and *Brooklyn 99*?  
A: **laugh track** (accept: **canned laughter**)
100. Doing your own electrical work, setting fire to your hair, and poking a stick at a grizzly bear are all what, according to a viral PSA by Metro Trains Melbourne?  
A: **Dumb Ways to Die** (prompt on: ways to die)

**END OF GAME**