



## 2024-25 Junior Late Fall Tournament (T1) – Pack 5

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# PACK 5

## 5-Part Blitz

- Members of what ethnicity adopted a dance they call the Horah from Romania, and most commonly do it to the music of "Hava Nagila"?  
A: Jewish people (accept: Ashkenazi **Jews**, **Ashkenazim**)
- Fallout*, *The Summer I Turned Pretty*, *Invincible*, and *The Boys* are all TV series produced and distributed by what company?  
A: **Amazon Prime** Video (accept either bolded part) (accept: **Amazon MGM Studios**)
- The cities of Sparks, Carson City, and Reno are found in which American state?  
A: **Nevada**
- The "dot MD" in README.md files stands for what text formatting language used in Discord messages and Reddit posts?  
A: **Markdown**
- What empire's king Muwatalli II fought Ramses II at the Battle of Kadesh?  
A: **Hittite** Empire

## Double Jump

- Separating the 235 and 238 isotopes of what element is a key step in producing usable nuclear fuel?  
A: **uranium** (accept: **U**)
- The decay chain of uranium-235 and uranium-238 both end with a stable isotope of what element?  
A: **lead** (accept: **Pb**)

## Double Jump

- What kind of objects are falchions ["FAL-chuns"], rapiers, and scimitars?  
A: **swords** (prompt on: weapons)
- Nicknames like the "bastard sword" and the "hand-and-a-half sword" were given to what two-handed weapon, which rose to prominence in the early phases of the Hundred Years' War?  
A: **longsword**

## Set of 4

- What composer has scored for films such as *Gladiator*, *Interstellar*, and *Inception*?  
A: Hans **Zimmer**
- Zimmer scored what series of films directed by Christopher Nolan that explores the rise of Batman?  
A: *The **Dark Knight*** trilogy/series/movies/films (prompt on: Batman trilogy/series/movies/films)
- Zimmer also scored what 2021 spy movie, the most recent in the James Bond franchise?  
A: **No Time to Die**
- Zimmer is briefly shown playing keyboard in the music video to what song, the first music video shown on MTV?  
A: **"Video Killed the Radio Star"**

## Jackpot

14. Part 1: What city became a major port in the 1800s after a canal was built to bypass a set of dangerous rapids? This city is home to St. James Street, which for many decades was the main financial district of its country.
15. Part 2: This city's economic decline began when a much larger system of locks and canals opened in the 1950s, allowing commerce to travel upriver past this city.
16. Part 3: This city later incurred a record cost overrun for hosting the Olympics, in part due to the cost of building Olympic Stadium. Legislation such as Bill 101 led many companies to relocate from this city.
17. Part 4: Today, this is the second-largest city in Canada.
- A: **Montreal**

### **Set of 3: International Food and Drink**

18. The inclusion of what sweet ingredient characterizes Vietnamese iced coffee known as ca phe ["ka fay"] sua da?
- A: sweetened **condensed milk**
19. What country's cuisine includes the five mother sauces?
- A: **France**
20. Often made from horseradish in the West, what spicy green paste is served next to sushi?
- A: **wasabi** paste

### **5-Part Blitz**

21. What word names both an ice cream bar surrounded by a shell of chocolate and the most common variant of solitaire?
- A: **Klondike**
22. What is the capital and largest city of Puerto Rico?
- A: **San Juan**
23. RGB and CMYK are two different models used to describe what phenomenon?
- A: **colour**
24. What language do the English words wiki, luau, and ukulele come from?
- A: **Hawaiian**
25. What name is given to the area of relative calm at the centre of a hurricane?
- A: **eye**

## **END OF FIRST QUARTER**

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## **SECOND QUARTER**

### **Splits: Video Game Abbreviations & Medical Abbreviations**

#### **Video Game Abbreviations**

The answers to the following questions will be the full expanded forms of common abbreviations used in video games.

26. Used to describe attacks or abilities that affect all characters within a specified zone, what does AOE stand for?
- A: **area of effect**
27. A character class often contrasted with tanks and healers, what does DPS stand for?
- A: **damage per second**

28. This quantity has a three-word name, and if its value is below one, you are probably not good at first-person shooters. What does KDR stand for?  
A: **kill-death ratio**
29. *League of Legends* and *DOTA 2* are among the most popular strategy games in this genre, which pits two teams against each other on a predefined map. What does MOBA ["MOH-bah"] stand for?  
A: **multiplayer online battle arena**

### **Medical Abbreviations**

The answers to the following questions will be the full expanded forms of common medical abbreviations.

30. Meaning a procedure that involves chest compressions and mouth-to-mouth breathing, what does CPR stand for?  
A: **cardiopulmonary resuscitation**
31. Crohn's disease and ulcerative colitis are types of IBD, which stands for what?  
A: **inflammatory bowel disease**
32. Family doctors are often also referred to as GPs. What does GP stand for?  
A: **general practitioner**
33. Used to deliver medicine or nutrition to the bloodstream much quicker, what does IV stand for?  
A: **intravenous**

### **Double Jump**

34. Spirits known as kami are venerated in what religion indigenous to Japan?  
A: **Shintoism**
35. What sun goddess is often considered the most important Shinto deity?  
A: **Amaterasu**

### **Double Jump**

36. Notably added to the Windows 11 edition of Microsoft Paint, what drawing surfaces can digital artists edit independently and then stack to create a complete picture?  
A: **layers**
37. In digital art software, what "M"-word refers to a feature that protects certain areas of an image from being drawn upon? These things come in layer, clipping, and alpha varieties, among others.  
A: **mask**

### **Set of 4**

38. What language differs from most all other known languages in that its vocabulary grows smaller instead of larger every year, as words are removed to simplify thinking, according to the appendix of a novel in which it appears?  
A: **Newspeak**
39. The Newspeak word "Minipax" refers to what Oceanian government agency, responsible for waging war?  
A: **Ministry of Peace** (prompt on: Peace)
40. What Newspeak word refers to a simultaneous belief in contradictory propositions?  
A: **doublethink**
41. Someone who has been executed for thoughtcrime and expunged from all records is referred to by what Newspeak word?  
A: **unperson**

### **Set of 5**

42. What building was hit by American Airlines Flight 77 on September 11th, 2001?  
A: The **Pentagon**
43. During what war were the Pentagon Papers released?  
A: **Vietnam** War
44. What is the degree measure of each internal angle in a regular pentagon?  
A: **108** degrees
45. What Greek letter symbolizes the ratio between a diagonal and side length of a regular pentagon?  
A: **phi**
46. A pentagonal prism is the shape of what three-dimensional area in baseball?  
A: **strike zone**

#### 4-Part Blitz

47. About 85% of the universe's matter is believed to exist in what poorly-understood form?  
A: **dark** matter
48. What landmark, whose name comes from the Arabic phrase "Jabal Tariq", is considered one of the pillars of Hercules?  
A: **Rock of Gibraltar** (prompt on: **Gibraltar**)
49. The French language is often described as "the language of" what 17th-century playwright, who wrote *The Misanthrope* and *Tartuffe*?  
A: **Molière** (accept: Jean-Baptiste **Poquelin**)
50. In 330 AD, what city became a new imperial capital of the Roman Empire?  
A: **Constantinople** (accept: **Byzantium**)

#### END OF FIRST HALF

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#### THIRD QUARTER

##### Splits: DC Comics & Ballet

##### DC Comics

51. Names like Jack White, Jack Napier, and Arthur Fleck are used by what archenemy of Batman?  
A: The **Joker**
52. Gail Simone coined what term in reference to a Green Lantern storyline in which Alexandra DeWitt, Kyle Rainer's girlfriend, is murdered?  
A: **fridging** (accept word forms) (accept: **women in refrigerators**)
53. Diana Prince is the alias of what DC superhero?  
A: **Wonder Woman**
54. What is the real name of the second Robin, who was killed by the Joker and resurrected as the Red Hood?  
A: **Jason Todd** (accept either bolded part)

##### Ballet

55. What term refers to bending the knees outwards whilst maintaining upright posture?  
A: **plié** (accept: demi-**plié**, grand **plié**)

56. Grades 1 through 8, and the Vocational Grades, are awarded through examinations by what British ballet organization with schools around the world?  
A: **Royal Academy of Dance** (accept: **RAD**)
57. What dancer and choreographer, often described as the greatest male ballet dancer of the 1970s and 80s, famously defected to Canada from the Soviet Union in 1974?  
A: Mikhail **Baryshnikov**
58. The "Waltz of the Flowers" and the "Dance of the Sugar Plum Fairy" appear in what ballet?  
A: *The* **Nutcracker**

### Set of 3: Chinese Cities

59. The largest stock market outside the United States is found in what financial capital and biggest city of China?  
A: **Shanghai**
60. Wuhan, Chongqing ["chong-CHING"], Nanjing, and Shanghai all lie on what river?  
A: **Yangtze** River
61. What northwestern city was the capital of the Sui, Tang, and Western Han dynasties?  
A: **Xi'an** (accept: **Chang'an**)

### Jailbreak

62. Fire, house, dragon, butter, and tsetse can all be followed by what word in the names of insects?  
A: **fly**
63. The past two Australian Opens have both been won by what Belarusian, currently first in the women's world rankings?  
A: Aryna **Sabalenka**
64. What song includes the lines "Heaven is a place on Earth with you / Tell me all the things you wanna do" and was the debut single of Lana Del Rey?  
A: **"Video Games"**
65. The poet Langston Hughes was a participant in what "Renaissance" named for a historically Black borough of New York City?  
A: **Harlem** Renaissance
66. The net force acting on an object divided by its acceleration gives what quantity?  
A: **mass**
67. In Spanish, armada is to a larger group of ships as what is to a smaller group of ships?  
A: **flotilla**
68. Who was *Time's* Person of the Twentieth Century?  
A: Albert **Einstein**
69. What general earned his nickname from the strong defence his forces put up at the First Battle of Bull Run in 1861?  
A: Thomas "Stonewall" **Jackson** (prompt on: **Stonewall**)
70. Rounded to the nearest degree Celsius, what is the value of absolute zero?  
A: **-273** degrees Celsius
71. Tucker, Delgado, Pritchett, and Dunphy are the last names of characters on what mockumentary-style sitcom that aired from 2009 to 2020?  
A: **Modern Family**
72. The Ariya and the Leaf are electric car models produced by what car manufacturer?  
A: **Nissan**
73. A major June 2024 break on the Bearspaw South Feeder main led to months of restrictions on water usage in what Canadian city?  
A: **Calgary**

74. What occupation does the title character have before he is taken under the wing of math professor Gerald Lambeau in the film *Good Will Hunting*?  
A: **janitor** (accept: **custodian**, **caretaker**, **cleaner**)
75. What scientist's "loop" and "junction" rules are fundamental to circuit analysis?  
A: Gustav **Kirchhoff**

### END OF THIRD QUARTER

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### FOURTH QUARTER

#### Jackpot

76. Part 1: What was the surname of a game show contestant who memorably told his dad that he knew the answer to a question about Richard Nixon appearing on *Laugh-In*?
77. Part 2: A director with this surname was behind several classic horror films such as *The Fog*, *The Thing*, and 1978's *Halloween*.
78. Part 3: Siblings Richard and Karen with this surname formed a namesake musical duo who had hits with "We've Only Just Begun" and the most famous version of "(They Long to Be) Close To You".
79. Part 4: A former Disney Channel star with this surname sings "heartbreak is one thing, my ego's another" in her hit "Please, Please, Please".  
A: **Carpenter**

#### Streak

80. Excluding Gladwyn Jebb's role at the very beginning of its existence, name up to all of the nine secretaries-general of the United Nations.
- A: Trygve **Lie**
- A: Dag **Hammarskjold**
- A: U **Thant**
- A: Kurt **Waldheim**
- A: Javier **Perez de Cuellar**
- A: Boutros **Boutros-Ghali**
- A: Kofi **Annan**
- A: **Ban** Ki-Moon
- A: Antonio **Guterres**

#### Streak

85. Name up to all of the champions of the past five Super Bowls.
- A: **Kansas City Chiefs** (accept either bolded part) (accept: **KC** Chiefs)
- A: **Tampa Bay Buccaneers** (accept either bolded part) (accept: Tampa Bay **Bucs**)
- A: Los Angeles **Rams** (accept: LA **Rams**) (prompt on: Los Angeles, LA)

#### Set of 3: Budget Airlines

86. What ordinal direction names the world's largest budget airline by revenue, based at Love Field in Dallas?  
A: **southwest**

87. The start-up budget airline PLAY uses what city's Keflavik airport as a connecting point for low-cost flights between Europe and North America?  
A: **Reykjavik**
88. What French word for a colour names a subsidiary of Air Canada focused on offering low-cost fares for leisure travellers?  
A: **rouge**

## 12-Part Blitz

89. Max Verstappen is currently signed with what Formula One racing team?  
A: **Red Bull** Racing
90. Multiplying 49 by 81 and then taking the positive square root gives what number?  
A: **63**
91. Composite, compound, and recurve are all types of what ranged weapon?  
A: **bow**
92. *The Death of Klinghoffer* and *Nixon in China* are operas written by what contemporary American composer?  
A: John **Adams**
93. What two-word phrase refers to how fast a projectile would have to travel to leave the gravitational pull of a celestial body?  
A: **escape velocity** (accept: **escape speed**)
94. "I know only that I know nothing" was a common saying of what philosopher, who was condemned to death for corrupting the youth of Athens?  
A: **Socrates**
95. Often ridiculed for its blocky design composed of flat stainless steel panels, what electric pickup truck was made available to consumers in 2023?  
A: Tesla **Cybertruck**
96. Shortly after attending his former bandmate's concert in Argentina, which One Direction member died after falling off a balcony?  
A: **Liam Payne** (accept either bolded part)
97. South America and Antarctica are separated by what passage named for an English explorer?  
A: **Drake** Passage
98. A splatter, fingerprint, shovel, and harp are among the new items contained in the sixteenth version of what character set overseen by the Unicode Consortium?  
A: **emoji**
99. The probability of two events both happening can be found by multiplying the probabilities of each one, assuming that the events have what relationship to each other?  
A: they are **independent** from each other (accept: **independence**, clear equivalents)
100. Archaeology and ethnography are subfields of what discipline that focuses on the study of humans?  
A: **anthropology**

**END OF GAME**