



## 2024-25 Junior Late Fall Tournament (T1) – Pack 3

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# PACK 3

## 5-Part Blitz

1. How many boroughs comprise New York City?  
A: **5**
2. Nate Ruess ["rooss"] was the lead singer of what band, whose hits included "Carry On", "Some Nights", and "We Are Young"?  
A: **fun.**
3. What is 11 cubed?  
A: **1331**
4. What was the former name of Tokyo before the Meiji Restoration?  
A: **Edo**
5. What father of Jormungandr ["YOOR-mun-GAND-r"], Fenrir, and Hel was the trickster god of Norse myth?  
A: **Loki**

## Double Jump

6. What element, the first p-block element, has an atomic number of 5?  
A: **boron** (accept: **B**)
7. What is the five-letter common name for the hydrated sodium borate with chemical formula  $\text{Na}_2\text{H}_{20}\text{B}_4\text{O}_{17}$ ?  
A: **borax**

## Double Jump

8. The Koechel catalogue is used to catalogue whose works, such as the "Little" and "Great" G minor symphonies, as well as operas such as *Don Giovanni* and *The Magic Flute*?  
A: Wolfgang Amadeus **Mozart**
9. The Deutsch catalogue is used to catalogue whose works, such as the "Little" and "Great" C major symphonies?  
A: Franz **Schubert**

## Set of 4: Red

10. An overnight flight is colloquially known as what?  
A: **red-eye** flight
11. What mammal of the genus *Ailurus* is more closely related to raccoons and skunks than to its "giant" counterpart?  
A: **red panda**
12. The closest star to the Sun, Proxima Centauri, is classified as what kind of star?  
A: **red dwarf**
13. Before 1965, what was the common name of the Canadian flag?  
A: Canadian **Red Ensign**

## Jackpot

14. Part 1: As it runs northeast, what river loses two-thirds of its water when it splits into an inland delta known as the Massina?
15. Part 2: The vast delta at which this river meets the sea has been polluted by large-scale oil production. This river starts by running northeast away from the ocean, before curving southeast in a huge crescent and reaching the ocean thousands of kilometres away.
16. Part 3: The cities of Djenné, Timbuktu, and Bamako lie on this river.
17. Part 4: This river empties into the Atlantic in Lagos after passing through two countries named for it in West Africa.  
A: **Niger** River

### Set of 3: Time in Literature

18. Sometimes known as *Remembrance of Things Past*, what seven-volume novel is the best-known work of Marcel Proust?  
A: **In Search of Lost Time** (accept: **À la recherche du temps perdu**)
19. In what novel are all the clocks in a house stopped at twenty to nine, to remind Miss Havisham of when she was left at the altar?  
A: **Great Expectations**
20. What author wrote a series of young adult novels called the *Time Quintet*, which begins with *A Wrinkle in Time*?  
A: Madeleine **L'Engle**

### 5-Part Blitz

21. According to American World War II propaganda posters, what might sink ships?  
A: **loose lips** (reject singular form)
22. What small, often crocheted ball filled with small pellets is kicked into the air with one's feet?  
A: **hacky sack** (accept: **footbag**)
23. Represented by the last letter of the Greek alphabet, what is the SI unit for electrical resistance?  
A: **ohm**
24. What airline was the subject of a trio of songs by Dave Carroll after they broke his guitar?  
A: **United** Airlines
25. The Canary Islands are named for what kind of animal?  
A: **dogs**

## END OF FIRST QUARTER

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## SECOND QUARTER

### Splits: The Romantic Movement & Lesser-Known Wars

#### The Romantic Movement

26. Who was depicted "in His Study at the Tuileries" ["TWEE-luh-ree"] and "Crossing the Alps" in two paintings by Jacques-Louis David ["dah-VEED"]?  
A: **Napoleon** I (accept: Napoleon **Bonaparte**)
27. What composer of the Hungarian Rhapsodies inspired a wave of popular adoration for him and his music, dubbed his namesake "mania"?  
A: Franz **Liszt**

28. What Romantic poet wrote *Don Juan* and *Childe Harold's Pilgrimage*, and died during the Greek War of Independence?  
A: Lord **Byron** (accept: George Gordon **Byron**)
29. What date titles a Francisco Goya painting depicting the execution of rebels in Madrid during the Napoleonic Wars?  
A: **Third of May, 1808** (accept clear equivalents) (prompt on: Third of May, clear equivalents)

#### **Lesser-Known Wars**

30. In what modern-day country did France lose the eighteenth-century Carnatic Wars, cementing British control that would last for the next two centuries?  
A: **India**
31. The Cisplatine War resulted in the 1828 independence of what country from Brazil?  
A: **Uruguay**
32. What country fought for its independence in the Eighty Years' War under the leadership of William of Orange?  
A: Spanish **Netherlands** (accept: **Dutch Republic, Holland**)
33. What smaller country did England attack in the Rough Wooing in order to break that country's "Auld Alliance" with France?  
A: **Scotland**

#### **Double Jump**

34. What film opens with a dance sequence that culminates in a fight between rival gangs in the titular Manhattan neighbourhood?  
A: ***West Side Story***
35. What non-Puerto Rican actress played Maria in the original film adaptation of *West Side Story*?  
A: Natalie **Wood** (accept: Natalie **Zacharenko**)

#### **Double Jump**

36. The market-clearing price is reached when what two quantities are equal, in the most fundamental model in economics?  
A: **supply** AND **demand**
37. What name is given to the point where the supply and demand lines meet on a graph?  
A: **equilibrium** point

#### **Set of 4: Spelling Canadian Geography**

38. A suburb of Vancouver containing Lake Lafarge and Mount Burke, spell Coquitlam. ["coe-KWIT-lum"]  
A: **C-O-Q-U-I-T-L-A-M**
39. A river that flows into the Red River in downtown Winnipeg, spell Assiniboine ["uh-SIN-ib-oy-n"].  
A: **A-S-S-I-N-I-B-O-I-N-E**
40. The westernmost of the municipalities that were amalgamated to form Toronto, spell Etobicoke. ["it-OH-bik-oh"]  
A: **E-T-O-B-I-C-O-K-E**
41. The name of a reservoir formed by a Triassic period meteor impact in northern Quebec, spell Manicouagan. ["MAN-ih-KWA-gun"]  
A: **M-A-N-I-C-O-U-A-G-A-N**

#### **Set of 4: The Boss**

42. A Google search for the phrase "world's best boss" asks "Did you mean" what character, the regional manager of the Scranton branch of the Dunder-Mifflin paper company?  
A: **Michael Scott** (accept either bolded part)
43. "Glory Days" and "Thunder Road" were hits for what singer, known as the Boss?  
A: Bruce **Springsteen**
44. Making uniforms for the Nazi Party was an early source of revenue for what fashion company?  
A: **Hugo Boss** AG
45. "Back in Business" and "Back in the Crib" are Netflix shows based on what 2017 movie, whose title infant is voiced by Alec Baldwin?  
A: *The* **Boss Baby**

### 5-Part Blitz

46. Who composed *Incantation and Dance* and *Variations on a Korean Folk Song*?  
A: John Barnes **Chance**
47. What is the capital and largest city of Algeria?  
A: **Algiers**
48. Freed slave soldiers known as Mamluks ruled what African country in the late Middle Ages?  
A: **Egypt**
49. The Huygens ["HOY-genz"] spacecraft visited what moon, the only one with a dense atmosphere and the largest orbiting Saturn?  
A: **Titan**
50. What European city is the birthplace of grime music?  
A: **London**

### END OF FIRST HALF

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### THIRD QUARTER

#### Splits: TV Detectives & the Digestive System

##### TV Detectives

51. What teenager moonlights as a private eye in a 2000s CW show starring Kristen Bell?  
A: **Veronica Mars** (accept either bolded part)
52. What detective with seven brothers gets promoted to sergeant and has a son named Mac with another detective, Jake?  
A: **Amy Santiago** (accept either bolded part)
53. Cheap cigars, a trench coat, and the phrase "Just one more thing" are trademarks of what Peter Falk-played sleuth?  
A: Lieutenant **Frank Columbo** (accept either bolded part)
54. Three true crime aficionados, played by Steve Martin, Martin Short, and Selena Gomez, begin investigating real-life killings on what show?  
A: **Only Murders in the Building**

##### The Digestive System

55. What organ of the digestive system is divided into the ileum, jejunum, and duodenum?  
A: **small intestine** (reject plural form)

56. What is the primary acid that the stomach produces to break down food?  
A: aqueous **hydrochloric** acid (accept: **HCl**) (prompt on: gastric acid)
57. What part of the throat closes during swallowing to prevent food from entering the trachea?  
A: **epiglottis**
58. An accumulation of bilirubin in the blood can cause what condition that is usually seen in newborn infants?  
A: **jaundice** (accept: **icterus**)

### Set of 3: Retired Numbers

Given a list of all of the jersey numbers retired by a Big Four sports team, name the team. Note: numbers retired leaguewide are not included.

59. 32.  
A: Toronto Blue **Jays** (prompt on: Toronto)
60. 21, 66, and 68.  
A: Pittsburgh **Penguins** (accept: **Pens**) (prompt on: Pittsburgh)
61. 1 through 10, 15, 16, 21, 23, 32, 37, 42, 44, 46, 49, and 51.  
A: New York **Yankees** (prompt on: New York)

### Jailbreak

62. 10 metres per second is equal to how many kilometres per hour?  
A: **36** kilometres per hour
63. Whose 1836 essay "Nature" is one of the founding texts of the Transcendentalist movement?  
A: Ralph Waldo **Emerson**
64. What author told the tragic story of Esmeralda and Quasimodo in *The Hunchback of Notre-Dame*?  
A: Victor **Hugo**
65. The most-reprinted English-language newspaper column ever is a response to an 8-year-old girl named Virginia that declares "Yes, Virginia, there is a" what?  
A: **Santa** Claus
66. Although they are all on islands, Indonesia shares land borders with how many countries?  
A: **3**
67. You will have 5 seconds. Find any anagram of the word "retails".  
A: **realist** OR **saltier**
68. A facemask with a respirator that meets the NIOSH's standard for filtering at least 95% of airborne particles is given what alphanumeric designation?  
A: **N95** facemask/mask
69. On which day of the week is American Thanksgiving celebrated?  
A: **Thursday**
70. Who was the lead artist alongside Shakira on the song "Punteria", and earlier collaborated with Megan Thee Stallion on the song "WAP"?  
A: **Cardi B** (accept: Belcalis **Almanzar-Cephus** (either bolded part))
71. Legendarily built for Queen Amytis by Nebuchadnezzar II, which wonder of the world was located in Babylon?  
A: **Hanging Gardens** of Babylon
72. What word was coined to describe small movie theatres in the early 20th century because of their entry fee of 5 cents?  
A: **nickelodeons**
73. Which American state contains the Northwest Angle, which juts into Lake of the Woods?  
A: **Minnesota**

74. What novel features characters such as Justine Moritz, Elizabeth Lavenza, and the title mad scientist?  
A: **Frankenstein**
75. What surname is shared by married couple Bella and Mortimer, along with their children Cassandra and Alexander, in the *Sims* franchise?  
A: **Goth**

### END OF THIRD QUARTER

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### FOURTH QUARTER

#### Jackpot

76. Part 1: Parts of the Moon's surface that are permanently shadowed are theorized to contain enough of what element to be economically viable to collect?
77. Part 2: The most important industrial use of this element is to cool MRI machines. Superfluidity was first discovered in this element, which has the lowest boiling point of any element.
78. Part 3: This element's most common isotope has a nucleus that is equivalent to an alpha particle.
79. Part 4: This lightest noble gas has an atomic number of 2.  
A: **helium** (accept: **He**)

#### 4-Part Mystery Link

80. What company's iconic product is a rectangular metal lighter with a hinged lid?  
A: **Zippo**
81. Jewish communities in New York and Montreal developed different distinctive versions of what bread product?  
A: **bagels**
82. What power forward joined Miami in 2023 after spending nine seasons with the Cleveland Cavaliers?  
A: Kevin **Love**
83. During World War II, what model of fighter aircraft was heavily used by the Japanese Air Force?  
A: Mitsubishi A6M **Zero**

#### Set of 5: Bridges

84. What city name partially titles the foundational problem of graph theory, where the goal is to find a path that crosses each of the city's seven bridges exactly once?  
A: **Koenigsberg**
85. What man's armies built the first recorded bridges to cross the river Rhine?  
A: Julius **Caesar**
86. An "incident" at what bridge marked the beginning of the Second Sino-Japanese War?  
A: **Marco Polo** Bridge
87. Following the collapse of the Francis Scott Key Bridge in 2024, what major American city had its port blocked for 11 weeks?  
A: **Baltimore**
88. What river is spanned by the Peace Bridge, the Rainbow Bridge, and the Lewiston-Queenston Bridge?  
A: **Niagara** River

#### 12-Part Blitz

89. What Czech author wrote about Gregor Samsa's transformation into a bug in *The Metamorphosis*?  
A: Franz **Kafka**
90. Internet Money, Gunna, Nav, and Don Toliver collaborated on what 2020 song, whose chorus notes "my neck was drippin"?  
A: "**Lemonade**"
91. The cities of Graz ["gratz"], Linz, and Salzburg are all found in what country?  
A: **Austria**
92. What activity would a cruciverbalist engage in?  
A: solving **crossword** puzzles (accept clear equivalents)
93. Featuring in films such as *28 Days Later* and *Dunkirk*, who won an Academy Award for Best Actor for his portrayal of the titular physicist in *Oppenheimer*?  
A: Cillian **Murphy**
94. What botanically-named method of representing data shows the leading digits in the left column and the trailing digits in the right column?  
A: **stem-and-leaf** plot/display/diagram/chart
95. John Locke belonged to what philosophical school, who believed that sense experience was the ultimate source of all knowledge?  
A: **empiricism** (accept: **empiricists**)
96. What politician, who served as general secretary of the Bharatiya Janata Party from 1998 to 2001, is the current prime minister of India?  
A: Narendra **Modi**
97. What portmanteau names an annual charity event in which men grow facial hair to raise awareness and money for men's health issues, such as prostate cancer?  
A: **Movember**
98. In late 2021, NASA launched what successor to the Hubble Space Telescope?  
A: James **Webb** Space Telescope
99. Crossing the US border at the Thousand Islands crossing gets you on what interstate?  
A: Interstate **81** (accept: **I-81**)
100. What part of a quill or fountain pen distributes ink onto the writing surface?  
A: **nib**

**END OF GAME**