



## 2025-26 High School Fall Tournament (T1) – Pack 4

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# PACK 4

## 5-Part Blitz

1. What six-word title follows the words "Acting on your best behaviour, turn your back on mother nature" in a song by Tears for Fears?  
A: **"Everybody Wants to Rule the World"**
2. Only four foreign countries have more people than which northern Indian state?  
A: **Uttar Pradesh** (accept: **UP**)
3. What letter must be removed from an adjective meaning innocuous to get an adjective that could describe the Venus de Milo?  
A: **H** (harmless -> armless)
4. Murray Gell-Mann and George Zweig independently theorized the existence of what elementary particles, which come in six "flavours"?  
A: **quarks**
5. Harrison Ford and Jason Segel play psychiatrists on what Apple TV show?  
A: **Shrinking**

## Double Jump

6. What city, home to the Democracy Monument, Wat Arun, and Khao San Road, is the largest in Thailand?  
A: **Bangkok**
7. A popular destination for tourists, what northern Thai city is the second-largest in the country?  
A: **Chiang Mai**

## Double Jump

8. After losing the rights to market Nestea in Canada, Coca-Cola started using what brand for its iced teas in 2025, such as in Freestyle machines?  
A: **Fuze**
9. Coca-Cola's Simply Pop and PepsiCo's Poppi drinks are what kind of sodas that use high-fibre compounds to allegedly improve gut health?  
A: **prebiotic** sodas (reject: probiotic sodas)

## Set of 4: Orbits

10. What shape are the orbits of the planets around the Sun?  
A: **ellipses** (accept: **elliptical**)
11. A dumbbell shape characterizes what kind of electron suborbital?  
A: **p** orbitals
12. What is the only large moon in the Solar System with a retrograde orbit, likely because it was captured from the Kuiper Belt?  
A: **Triton**
13. In 1961, who became the first person to orbit the Earth?  
A: Yuri **Gagarin**

## Jackpot

14. Part 1: A poem that begins "Under a hard season, fired up by the sun / Languishes man, languishes the flock and burns the pine" is most associated with, but may not have been actually written by, what person?
15. Part 2: This person's works were catalogued by Peter Ryom, and includes two settings of the *Gloria* that have S.A.T.B. parts despite being written for an all-female choir.
16. Part 3: This composer wrote instructions such as "the drunkards have fallen asleep" and "a barking dog" in movements found in his *Contest Between Harmony and Invention*.
17. Part 4: This composer's most famous works are a set of 4 violin concertos depicting Spring, Summer, Autumn, and Winter, nicknamed *The Four Seasons*.  
A: Antonio **Vivaldi**

## Set of 3: Secret Societies

18. Members of what secret society practiced martial arts and fought against Christian and foreign influence in China, culminating in an 1899 to 1901 rebellion?  
A: **Boxers** (accept: Society of **Righteous and Harmonious Fists**)
19. Adam Weishaupt ["VYE-shaupt"] founded what Bavarian society meant to promote secularism and Enlightenment ideals, which centuries later became the subject of many conspiracy theories?  
A: **Illuminati**
20. A tile from the game pai sho ["pie SHOW"] is the symbol of what secret society, whose members come from across the Four Nations and trained Korra in water, earth, and firebending?  
A: Order of the **White Lotus**

## 5-Part Blitz

21. What newly-released game directed by Masahiro Sakurai is the sequel to a 2003 racing game for the Gamecube?  
A: **Kirby Air Riders** (reject: *Kirby Air Ride*)
22. Aldehydes and ketones both contain what functional group?  
A: **carbonyl** groups (reject: *carboxyl* groups)
23. Notably seen on wedding dresses, what part of a dress trails behind the wearer?  
A: **trains**
24. What river gets its name from the sediment it picks up while flowing through the Loess Plateau, which contains dust that blows south from the Gobi Desert?  
A: **Yellow** River (accept: **Huang** He)
25. *Anomalisa*, *Chicken Run*, and *Coraline* are examples of what general animation technique?  
A: **stop motion** animation (accept: **stop frame** animation)

## END OF FIRST QUARTER

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## SECOND QUARTER

### Splits: Sports Venues & Cavalry

#### Sports Venues

26. What athlete from a different sport gave his name to the previous arena of the Detroit Red Wings?  
A: Joe **Louis**

27. What stadium in East Rutherford, New Jersey will host the 2026 FIFA World Cup Final, and is the current home of the Jets and Giants?  
A: **MetLife** Stadium
28. What aviator names the venue that hosts the French Open?  
A: Roland **Garros**
29. What is the only golf course to host a major every year?  
A: **Augusta** National Golf Club

### **Cavalry**

30. Medieval cavalry usually attacked with what kind of spear held under the arm?  
A: **lances**
31. What empire used massive armies of cavalry archers, in which each soldier would switch between 3 or 4 horses to keep them rested, to conquer much of Eurasia?  
A: **Mongolian** Empire (accept: the **Mongols**) (reject: Mongolia)
32. What adjective described cavalry used for reconnaissance and raiding more than for battlefield charges?  
A: **light**
33. What empire's horsemen would retreat from battle and then turn their bodies and fire at their pursuing enemies from a gallop, a devastating tactic known as their namesake "shot"?  
A: **Parthian** Empire (accept: **Arsacid** Empire, the **Parthians**) (prompt on: Persian Empire)

### **Double Jump**

34. What author depicted the village of Umuofia and the wrestling champion Okonkwo's opposition to Christianity in his novel *Things Fall Apart*?  
A: Chinua **Achebe**
35. Achebe wrote about Okonkwo's grandson Obi falling in love with the osu Clara in what sequel to *Things Fall Apart*?  
A: **No Longer at Ease**

### **Double Jump**

36. Despite polling at only 4% in February 2025, who would go on to defeat Andrew Cuomo and become mayor-elect of New York?  
A: Zohran **Mamdani**
37. To represent his non-profit crime prevention organization The Guardian Angels, what Republican nominee for mayor wore a red beret?  
A: Curtis **Sliwa**

### **Set of 4: Algae**

38. What Japanese word refers to dried edible algae often used to wrap sushi rolls?  
A: **nori**
39. What is the common four-letter name for brown algae, which form massive underwater forests?  
A: **kelp**
40. Cyanobacteria are also known as what sort of algae?  
A: **blue-green** algae
41. What word refers to a symbiotic colony made up of algae and fungi?  
A: **lichen**

### **5-Part Mystery**

42. What movie is set at an energy-producing factory that generates power through the screams of scared human children?  
A: **Monsters, Inc.**
43. What does Post Malone feel just like, according to a 2017 song featuring 21 Savage?  
A: just like a **rockstar**
44. What scale, now named for the Swedish scientist who proposed it, was formerly known as the centigrade scale?  
A: **Celsius** scale
45. Distinguished from females by being more aggressive and muscular, what word refers to intact male cattle?  
A: **bulls**
46. What kind of numbers form a set that can be depicted in an Ulam spiral?  
A: **prime** numbers (accept: **primes**)  
[Theme: energy drink brands]

#### Set of 4

47. Individuals in what profession were the target of an antisemitic conspiracy in the Soviet Union between 1951 and 1953, when they were alleged to be targeting high-ranking officials?  
A: **doctors** (accept: **medicine**, **physicians**)
48. Founded after the Nigerian Civil War, what non-governmental organization provides medical care to conflict zones and humanitarian disasters?  
A: **Doctors Without Borders** (accept: **Médecins Sans Frontières**, **MSF**)
49. What book had to be smuggled to Italy in order to be published, as it was censored due to its critical depiction of the October Revolution?  
A: **Doctor Zhivago**
50. After serving as a trauma surgeon for the Republicans during the Spanish Civil War, who provided medical assistance to the Chinese Communist Party during World War II?  
A: Norman **Bethune**

#### END OF FIRST HALF

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#### THIRD QUARTER

#### Splits: Birthday Celebrations & Triangles

##### Birthday Celebrations

51. Literally meaning "son of the law", what ritual do Jewish boys undergo on their thirteenth birthday?  
A: **bar mitzvah**
52. At what age do girls often start being treated as adults in Latin America, after a major birthday celebration?  
A: **15th** birthday
53. Until 2023, what country used three different systems of reckoning age, including a system by which a baby is said to be 1 at birth?  
A: **South Korea** (accept: **Republic of Korea**, **ROK**) (reject: **Democratic People's Republic of Korea**, **DPRK**)
54. In many European countries, adults observe what kind of event instead of their birthday, a tradition originating from the Catholic calendar of saints?  
A: **name day** (accept: **names day**)

## Triangles

Consider a right triangle with a hypotenuse of 10 units and one leg of 8 units.

55. How long is the shortest leg of the triangle?  
A: **6** units
56. As a decimal, what is the sine of the smallest angle in the triangle?  
A: **0.6**
57. What is the distance between the right angle and the midpoint of the hypotenuse?  
A: **5** units
58. The midpoint of the hypotenuse is which triangle centre?  
A: **circumcentre**

## Set of 3

59. In August 2025, who had beef with Caleb Hearon on social media after Rolling Stone ranked Hearon ahead of him in a list of influencers?  
A: **MrBeast** (accept: Jimmy **Donaldson**)
60. In 2023, the company Dees Nuts sued MrBeast because of a similarly named flavour of what chocolate bar?  
A: **Feastables**
61. An escape from what kind of structure was the subject of a controversial September 2025 MrBeast video, which saw a stuntman tied up alongside a prize of \$500,000?  
A: a **burning building** (accept: a **burning house**, other clear equivalents) (prompt on: building, house)

## Jailbreak

62. Because four atoms of it appear in every silica tetrahedron, what is the most abundant element in the Earth's crust?  
A: **oxygen** (prompt on: **O**)
63. 14 of the 25 development cards in a game of *Catan* are what?  
A: **knights** (accept: **soldiers**)
64. At the most recent Summer Olympics, what was the third-lightest female and second-lightest male boxing weight class?  
A: **featherweight**
65. What country was formed by the American Colonization Society, which settled freed slaves in Africa?  
A: **Liberia**
66. While it is technically classified as a savanna and is wetter than the Namib to its west, what large desert covers parts of South Africa, Namibia, and Botswana?  
A: **Kalahari** desert
67. Roberto Benigni ["ben-EEN-yee"] is best known for directing and starring in what 1997 movie about the Holocaust?  
A: ***Life is Beautiful***
68. What is the fear of spiders called?  
A: **arachnophobia**
69. The setting of St. Urbain street frequently appears in the novels of what Canadian author, who also created the characters of Jacob Two-Two and Duddy Kravitz?  
A: Mordecai **Richler**
70. Who describes feeling like "moonbeam ice cream, taking off your blue jeans, dancing at the movies" in his song "Mystical Magical"?  
A: Benson **Boone**

71. In solutions chemistry, what other adjective is synonymous with "basic"?  
A: **alkaline**
72. In what city did all free young boys enter the agoge ["uh-GO-gee"] system of rigorous training to prepare for a life in its famous military?  
A: **Sparta**
73. The planets Narkina 5, Aldhani, Ferix, and Ghorman are central to what TV series that features Diego Luna and also sees the construction of the Death Star?  
A: **Andor**
74. The word "inauspicious" contains how many vowels?  
A: **7**
75. A city in the shape of a line is currently being built across the desert of what country?  
A: **Saudi Arabia**

### END OF THIRD QUARTER

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### FOURTH QUARTER

#### Jackpot

76. Part 1: What kind of character is central to the film *Ginger Snaps* and to a 1985 film starring Michael J. Fox that was later adapted into a 2011 TV series?
77. Part 2: This kind of character is seen "with a Chinese menu in his hand" in London in a 1978 song by Warren Zevon.
78. Part 3: In a book series, one of these creatures is hit by a crystal ball during the final battle, during which he kills Lavender Brown.
79. Part 4: In the *Harry Potter* series, an attack by Fenrir Greyback causes Remus Lupin to become this type of creature.  
A: **werewolf** (accept: **werewolves**)

#### Streak

80. Name up to all of the six most populous NATO member states.
- A: **United States** of **America** (accept either bolded part) (accept: **USA**)
- A: **Turkey**
- A: **Germany**
- A: **United Kingdom** of Great **Britain** and Northern Ireland (accept either bolded part) (accept: the **UK**)
- A: **France**
- A: **Italy**

#### Streak

83. Name up to any four members of the Norse pantheon attested in the Eddas whose name begins with the letter "F".
- A: **Freyr** (accept: **Frey**)
- A: **Freyja** ["FRAY-uh"]
- A: **Frigg**
- A: **Fulla**

A: **Forseti**

#### Set of 4

85. What colour names a 1901 to 1904 period wherein Pablo Picasso created works such as *The Old Guitarist*?

A: **blue**

86. Whose 1770 painting, which inspired a costume in the film *Django Unchained*, depicted a boy wearing an ornate blue outfit?

A: Thomas **Gainsborough**

87. In 1962, what Frenchman created a minimalist painting using only his namesake "International" shade of blue?

A: Yves **Klein**

88. What titular figure is depicted wearing a blue and yellow turban as she gazes back towards the viewer in a painting by Johannes Vermeer?

A: **Girl with a Pearl Earring**

#### 12-Part Blitz

89. What character is transformed back into a human from the purple Odd Rock in *Donkey Kong Bananza*?

A: **Pauline**

90. What African empire won the Battle of Adwa, in which forces led by its Emperor Menelik II defeated an invading Italian colonial army?

A: **Ethiopian** Empire (accept: **Abyssinia**)

91. What two-word term refers to an optical device with thousands of small parallel slits used to separate light into its wavelengths?

A: **diffraction grating**

92. What country owns a pair of large islands that are named "New Land" in its language?

A: **Russia**

93. What "W"-word refers to an object that a knife is ground against to be sharpened?

A: **whetstones**

94. What instrument was played by Dizzy Gillespie, Miles Davis, and Louis Armstrong?

A: **trumpets**

95. The Dichotomy, along with Achilles and the tortoise, are among the paradoxes devised by what ancient Greek philosopher from Elea?

A: **Zeno** of Elea

96. It means a large number of something: spell "myriad".

A: **M-Y-R-I-A-D**

97. What type of plants were central to the hybridization experiments conducted by Gregor Mendel?

A: **pea** plants (accept: **peas**)

98. What forward for PSG is the most recent winner of the Ballon d'Or?

A: Ousmane **Dembele**

99. What is the capital of the Brazilian state of Bahia?

A: **Salvador** de Bahia

100. Olympic gold medals are mandated by the I.O.C. to be at least 92.5% what element?

A: **silver** (prompt on: **Ag**)

**END OF GAME**