



2025-26 High School Qualifier (T2) – Pack 6

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PACK 6

5-Part Blitz

1. The location of whose tomb in Alexandria has still not been found, after he was reburied there from Memphis by Ptolemy I following his death in Babylon?
A: **Alexander the Great** (prompt on: Alexander)
2. What is the lowest positive x-value at which the tangent function has a vertical asymptote?
A: **90 degrees** (accept: pi/2 radians) (prompt on: 90)
3. Key Largo, Montego, Aruba, and Jamaica are listed in addition to what fictional location in a song by the Beach Boys?
A: **Kokomo**
4. The Ancient Greek word "arktos", from which the English word "arctic" is derived, refers to what animal?
A: brown **bears**
5. What Biblical figure is depicted in a sexually suggestive bronze statue by Donatello and a 5-metre-tall white marble statue by Michelangelo?
A: King **David**

Double Jump

6. What reality T.V. franchise has had installments set in Salt Lake City, Beverly Hills, and the original Orange County?
A: *The **Real Housewives***
7. What spinoff of *The Real Housewives of Beverly Hills* follows happenings at the SUR Restaurant & Lounge?
A: ***Vanderpump Rules***

Double Jump

8. Who described the "rupture in the world order" caused by hostile American foreign policy in his January 20th speech to the W.E.F., and proposed a shared path forward for middle powers like Canada?
A: Mark **Carney**
9. What word fills in the blank in this line from Carney's speech, a metaphor borrowed from Vaclav ["VATS-lav"] Havel for no longer pretending to believe in the rules-based order? "We are taking the [BLANK] out of the window."
A: **sign**

Set of 4: Frame Stories

10. A storytelling contest among a group of pilgrims is the frame story of what collection by Geoffrey Chaucer?
A: *The **Canterbury Tales***
11. What movie consists of an outer frame story in a police station, an inner frame story on a T.V. show, and lengthy flashbacks to how the main character learned various facts?
A: ***Slumdog Millionaire***
12. In what movie do a woodcutter and a monk give self-serving accounts of finding a dead samurai in a forest?
A: ***Rashomon***

13. The title character's son posthumously edits his memoirs, fixing errors caused by dementia, in the frame story of what novel by Mordecai Richler?
A: **Barney's Version**

Jackpot

Note: the answer to this question will be one word.

14. Part 1: Mary Louise Smith, Aurelia Browder, and Claudette Colvin are most famous for incidents involving what kind of vehicle?
15. Part 2: Throughout the United States, these vehicles were widely used in the early 1970s in a hugely unpopular attempt to enforce several Supreme Court rulings.
16. Part 3: Many Freedom Riders were brutally beaten for using vehicles of this kind.
17. Part 4: A successful boycott of these vehicles in Montgomery, Alabama in 1956 was sparked by the arrest of Rosa Parks.
A: **buses**

Set of 3: Canadian Diasporas

18. Each August, a festival celebrating settlers from what country is held in the town of Gimli, Manitoba?
A: **Iceland**
19. What Vancouver suburb is second nationally to Brampton in percentage of South Asian Canadians?
A: **Surrey**
20. Western Canada is home to the world's largest population of what Spiritual Christian group, who arrived in the early 20th century fleeing persecution in their homeland of Russia?
A: **Doukhobors**

5-Part Blitz

21. What anatomical term refers to the spokes of an umbrella?
A: **ribs**
22. What German word refers to a short melody that signifies the presence of a particular character?
A: **leitmotifs**
23. What singer had 2010s hits with the songs "Gangsta" and "Nights Like This", and a 2025 hit with their song "Folded"?
A: **Kehlani** (accept: Kehlani **Parrish**)
24. What only living rhynchocephalian ["RIN-ko-seh-FALL-ee-an"] closely resembles a lizard and lives in New Zealand?
A: **tuataras**
25. What country recently purged the vice-chair of its Central Military Commission?
A: People's Republic of **China** (accept: **P.R.C.**) (reject: Republic of China)

END OF FIRST QUARTER

SECOND QUARTER

Splits: Organelles & Nursery Rhymes

Organelles

26. The short arms of the five acrocentric chromosomes are responsible for the formation of what organelle that makes ribosomes?
A: **nucleolus** (accept: **nucleoli**) (reject: **nucleus**, **nuclei**)
27. Cytochrome c oxidase, also known as Complex 4, is an important enzyme in what organelle that helps generate a proton gradient to synthesize A.T.P.?
A: **mitochondria** (accept: **mitochondrion**)
28. Turgor pressure is maintained in plants by what water-filled organelle?
A: **vacuoles** (accept: **central vacuoles**)
29. A low pH is characteristic of what organelle, responsible for the breakdown of waste products?
A: **lysosomes**

Nursery Rhymes

30. What kind of porridge may be enjoyed hot, cold, or in the pot, 9 days old?
A: **pease** porridge
31. When will the cradle fall?
A: when the **bough breaks**
32. What was little Miss Muffet eating while she sat on her tuffet?
A: **curds** AND **whey** (prompt on: **curds**, **whey**)
33. Who did the monkey chase around the mulberry bush?
A: the **weasel**

Double Jump

34. Any match between what two rival teams is given the nickname El Clasico?
A: **Real Madrid** (prompt on partial answers) AND F.C. **Barcelona** (accept: **Barca**)
35. Real Madrid and Barcelona have faced each other 38 times in what knock-out competition for teams in the Spanish football federation?
A: **Copa del Rey** (prompt on: **Spanish Cup**, **King's Cup**)

Double Jump

36. What academic field is often said to have been founded by two fifth-century-B.C. Greeks named Thucydides ["thoo-SID-id-eez"] and Herodotus, that latter of whom is known as its "father"?
A: **history**
37. As opposed to Herodotus's use of fables and morality tales, Thucydides exemplified his writing philosophy of realism and objectivity in what eight-volume work?
A: *The **History of the Peloponnesian War***

Set of 4: 2025 Deaths

38. What actor, who died alongside Betsy Arakawa in mysterious circumstances, won a Best Actor Oscar for his role in *The French Connection*?
A: Gene **Hackman**
39. The Louis Vuitton Foundation is a Parisian art museum designed by what Canadian-American architect?
A: Frank **Gehry**
40. Accused of cheating by Vladimir Kramnik before his death, what YouTuber and Twitch streamer was one of the youngest published chess authors?
A: Daniel "Danya" **Naroditsky** (prompt on: **Danya**)

41. 28 athletes in what sport, who had just completed a national development camp, died in the January 2025 Washington D.C. plane crash?
A: **figure skating**

Set of 4

42. Derived from the Latin for “chalk”, what geological period’s end saw the extinction of the non-avian dinosaurs?
A: **Cretaceous** period
43. The Cretaceous was the final period of what era?
A: **Mesozoic** era
44. The presence of what element around the world helped scientists agree on an asteroid impact at the end of the Cretaceous?
A: **iridium** (prompt on: Ir)
45. Which province’s extensive Cretaceous fossil beds include the Horseshoe Canyon Formation and the Dinosaur Park Formation?
A: **Alberta**

Linked Set of 5

46. Ben Rattray founded what website on which users can write, sign, and share petitions?
A: **change** dot org
47. What Greek letter is used in science to represent the change in a quantity?
A: **delta**
48. What genre of music emerged in the late 19th century in the Mississippi Delta?
A: Delta **blues** music
49. Which of the Teenage Mutant Ninja Turtles wears a blue mask?
A: **Leonardo**
50. What is the most recent movie to feature a starring performance by Leonardo DiCaprio?
A: **One Battle After Another**

END OF FIRST HALF

THIRD QUARTER

Splits: Western R.P.G.s & In the Lab

Western R.P.G.s

51. Sandfall Interactive developed what R.P.G. inspired by the aesthetics of Belle Époque France that won best game at the 2025 Game Awards?
A: *Clair Obscur: **Expedition 33***
52. What series features the major power of the Nilfgaardian Empire, and has thus far mostly centered on Geralt of Rivia?
A: *The **Witcher***
53. What series, whose creator inserted himself in the games as “Lord British”, is considered alongside *Wizardry* and *Might and Magic* to have started the first golden age of Western R.P.G.s?
A: **Ultima**

54. Washington D.C., Boston, and Las Vegas are among the cities that serve as settings for what post-apocalyptic R.P.G. series?
A: **Fallout**

In the Lab

For this category, consider a container of hydrogen peroxide.

55. If manganese dioxide is added to the container, the resulting reaction will create what two products?
A: **water** (accept: **H2O**) AND **oxygen gas** (accept: **O2**) (prompt on: **oxygen**)
56. What word refers to manganese dioxide's role in this reaction?
A: **catalyst** (accept: **catalyze** (accept verb forms))
57. Aside from the exclamation mark symbolizing generic harm, identify either of the other WHMIS symbols present on the bottle of hydrogen peroxide.
A: **corrosive** material/substance (accept: **corrosion**) OR **oxidizing** material/substance (accept: **oxidizer**)
58. You will have 5 seconds. Given that you started with 12 moles of hydrogen peroxide, how many moles of water were produced?
A: **12** moles

Set of 3: Prepositions

59. What French preposition is used when being hosted at someone's home or business?
A: **chez**
60. What three prepositions did Abraham Lincoln use in his description of the republican government of the United States in the Gettysburg Address?
A: **of** AND **by** AND **for**
61. Give any example of a postposition commonly used in contemporary English speech.
A: **ago** OR **apart** OR **aside** OR **away** OR **on**

Jailbreak

62. Port Said ["sah-EED"] is the northern terminus of what manmade waterway?
A: **Suez Canal**
63. Who played Dick van Dyke's wife on his namesake sitcom and later starred in her own namesake sitcom in the 1970s?
A: Mary Tyler **Moore**
64. What 7-letter anagram of an edible shellfish means to support or reinforce?
A: **bolster**
65. The problem of two emperors began with the coronation of what man in Rome by Pope Leo III on Christmas Day 800?
A: **Charlemagne**
66. What is the term for a female deer, as heard in a number from *The Sound of Music*?
A: **does**
67. What kind of artwork is created by using small coloured pieces of glass or stone to make an image?
A: **mosaics**
68. What city's suburbs include Henderson and Paradise, the latter of which contains the majority of its namesake "strip"?
A: Las **Vegas**
69. Give the word that finishes this line from the Wicked Bible, the subject of an infamous 1631 misprint: "Thou shalt commit [BLANK]".
A: **adultery**

70. If all of the forces on an object are balanced, the object is in what state?
A: mechanical **equilibrium**
71. Who is the namesake of both the capital of the Seychelles and the largest lake in Africa?
A: Queen **Victoria**
72. Valencia, Jaffa, blood, and navel are all types of what fruit?
A: **oranges**
73. Most of the colony of New Spain became independent as what country?
A: **Mexico**
74. What is the perimeter of a square with an area of 36?
A: **24**
75. What three titular words are sung by a mother to her son and then by the son to his aging mother in a picture book by Robert Munsch?
A: **"love you forever"**

END OF THIRD QUARTER

FOURTH QUARTER

Jackpot

76. Part 1: After helping to quell a military uprising, what son of Sinel was awarded the former title of one of the rebel leaders?
77. Part 2: This character agrees to carry out a murder after being told to "screw [his] courage to the sticking place".
78. Part 3: This character sees a vision of a child wearing a crown and holding a tree, who warns him to beware of a forest moving towards a hill.
79. Part 4: After he and his wife kill Duncan, this man becomes king of Scotland in the play that bears his name.
A: **Macbeth**

Set of 5: Airports

80. Toronto's secondary airport is named for what World War I pilot?
A: Billy **Bishop**
81. What city's main airport is named for the composer of *Raindrop Prelude* and *Revolutionary Etude*?
A: **Warsaw**
82. Louisville, Kentucky's primary airport is named after what local sportsman, who defeated Sonny Liston in a famous 1964 bout?
A: Muhammad **Ali** (accept: Cassius **Clay**)
83. What city's main airport is named for the man who lost three federal elections to Pierre Trudeau, Robert Stanfield?
A: **Halifax**
84. Venice's main airport is named for what explorer known for his travels along the silk road?
A: Marco **Polo**

Set of 4: Genericized Trademarks

85. Following the release of its 914 ["nine fourteen"] model, the first product of its kind, what company's name became synonymous with the term "photocopy"?
A: **Xerox**

86. After developing water pumps that helped treat rheumatoid arthritis, what company began selling whirlpool baths and hot tubs?
A: **Jacuzzi**
87. A hyphen between the second L and the O indicates the trademarked version of what powder-based dessert?
A: **Jell-O**
88. What product was developed to help clean babies' ears and now gives its name to cotton swabs in general?
A: **Q-Tips**

12-Part Blitz

89. Though he holds no official cabinet position, who has been referred to as Donald Trump's de facto prime minister for the extensive power he wields as deputy chief of staff for policy and homeland security advisor?
A: Stephen **Miller**
90. The irrational numbers e and pi are both what kind of numbers, which cannot be represented as the roots of a polynomial equation?
A: **transcendental** numbers
91. What two large bodies of water lie to either side of the Caucasus Mountains?
A: **Black** Sea AND **Caspian** Sea
92. At the 2010 M.T.V. Video Music Awards, who wore a dress made entirely out of raw beef?
A: **Lady Gaga** (accept: Stefani **Germanotta**) (prompt on: Gaga)
93. Distinguished from the preceding Romanesque style through its use of pointed arches and flying buttresses, what architectural style was prominent during the High Middle Ages?
A: **gothic** architecture
94. What nickname was given to the constitutionalist, nationalist reform movement that took power in the late Ottoman Empire?
A: **Young Turks**
95. What metal was used opposite nickel in the first alkaline battery?
A: **cadmium** (prompt on: Cd)
96. Which Canadian province has no natural borders?
A: **Saskatchewan**
97. What religious figure detailed the Four Noble Truths as part of his first sermon, which took place at the Deer Park in Sarnath?
A: the **Buddha** (accept: **Siddhartha Gautama** (accept either bolded part))
98. John Goodman plays Eli, the patriarch of the title televangelist family, in what T.V. show created by its star Danny McBride?
A: *The **Righteous Gemstones***
99. What was the last Chinese dynasty to be ruled by ethnic Han people?
A: **Ming** Dynasty
100. In what phenomenon are people more likely to remember and believe new information if it accords with opinions they already have?
A: **confirmation bias**

END OF GAME