



## 2023-24 High School Qualifier (T3) – Pack 2

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# PACK 2

## 5-Part Blitz

1. What name, referring to the route travelled by convoys carrying deceased soldiers, is given to the section of Ontario Highway 401 between Trenton and Toronto?  
A: **Highway of Heroes**
2. Who founded the Red River colony in what is now Manitoba?  
A: Lord **Selkirk** (accept: Thomas **Douglas**)
3. What "C"-word refers to a small porcelain or metal cup used to hold chemical samples over a bunsen burner?  
A: **crucible**
4. What actress, who died of a stroke suffered on a 2016 transatlantic flight, posthumously appeared through unused shots of previous movies in the 2019 film *Star Wars: The Rise of Skywalker*?  
A: Carrie **Fisher**
5. What did YMCA originally stand for?  
A: **Young Men's Christian Association**

## Double Jump

6. What 2018 game follows a gang of outlaws including Micah Bell, John Marston, and Arthur Morgan during the decline of the Wild West?  
A: **Red Dead Redemption 2** (prompt on: **RDR2**)
7. Arthur Morgan and most of the other central characters are part of what man's gang?  
A: **Dutch van der Linde** (accept either bolded part)

## Double Jump

8. What Christian period of observance commemorates the time Jesus spent in the desert, and begins roughly 40 days before Easter?  
A: **Lent**
9. What Christian feast day celebrates Jesus rising into heaven and becoming exalted, and takes place on the 40th day of Easter?  
A: Feast of the **Ascension** (accept: **Ascension** Day)

## Set of 4

10. ACE inhibitors help treat what condition, nicknamed the "silent killer", which can be caused by excessive sodium intake or by stress?  
A: **high blood pressure** (accept: **hypertension**)
11. What device can be used to measure someone's blood pressure?  
A: **sphygmomanometer**
12. When recording blood pressure, the first number of the two corresponds to what kind of pressure, contrasted with the diastolic pressure?  
A: **systolic** pressure

13. What unit is most typically used to measure blood pressure and is expressed as a certain height of a chemical element?  
A: **millimetre of mercury**

### **Jackpot**

14. Part 1: In 2021, what website attracted controversy for hiring Aimee Knight, who had been suspended from two British political parties due to her association with sexual offenders?  
15. Part 2: Premium users of this website have access to a restricted "lounge". This website's parent company is headed by Steve Huffman.  
16. Part 3: In June 2023, many users of this website organized a blackout in response to API changes that would prevent access from third-party apps.  
17. Part 4: This website consists of over three million smaller communities. Users of this website gain karma when their comments and posts are upvoted.  
A: **Reddit**.com

### **Set of 3: Stars**

18. What brightest star in the constellation Canis Major is nicknamed the "dog star", and is also the brightest star in the night sky?  
A: **Sirius A**
19. After the Sun, what is the closest star to the Earth?  
A: **Proxima Centauri**
20. It is hypothesized that after the Sun's red giant phase results in a planetary nebula, what sort of stellar remnant will remain?  
A: **white dwarf** (prompt on: dwarf)

### **5-Part Blitz**

21. What name is given to an area near the front of a stage at a punk rock or heavy metal concert where people aggressively dance and knock into each other?  
A: **mosh pit** (prompt on: the pit)
22. What kind of institution was established in Bologna in 1088, and in Oxford in 1096?  
A: **university** (prompt on: school)
23. What unit of length is one trillionth of a metre?  
A: **picometre**
24. Shin, Nun, Gimel, and Hay are the sides of what spinning top toy, popular during Hanukkah celebrations?  
A: **dreidel**
25. What process in the mantle drives plate tectonics?  
A: **convection**

## **END OF FIRST QUARTER**

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## **SECOND QUARTER**

### **Splits: Prohibition & Gymnastics**

#### **Prohibition**

26. What "T"-word, which means moderation in drinking and other habits, was found in the names of many organizations that supported Prohibition?  
A: **temperance**
27. In the United States, Prohibition began with the ratification of which constitutional amendment?  
A: **18th Amendment**
28. What name was given to establishments where alcohol was illicitly sold and consumed?  
A: **speakeasies**
29. Following the end of Prohibition in Ontario, what organization was created to limit and regulate sales of alcohol to the public?  
A: **LCBO** (accept: **Liquor Control Board of Ontario**)

### Gymnastics

30. What Romanian gymnast was the first to score a perfect 10 in the Olympics?  
A: Nadia **Comaneci** ["co-ma-NEECH"]
31. What "P"-word precedes "horse" in the name of an apparatus used in male artistic gymnastics?  
A: **pommel**
32. Who has won 27 Gymnastics World Championships medals as part of Team USA and is considered one of the greatest gymnasts of all time?  
A: Simone **Biles**
33. What nickname is given to the condition, previously experienced by Biles among others, where gymnasts lose their sense of body positioning while in mid-air?  
A: the **twisties** (prompt on: the *yips*)

### Double Jump

34. Lisa Simpson is a virtuoso on what instrument?  
A: baritone **saxophone**
35. What sax player is Lisa's idol and role model, and lends her his saxophone after he and Lisa play "jazzman" together?  
A: **Bleeding Gums Murphy** (accept either bolded part)

### Double Jump

36. What simplest alkane has the chemical formula CH<sub>4</sub>?  
A: **methane**
37. With a VSEPR ["vesper"] model of AX<sub>4</sub> ["a x 4"], what is the molecular geometry of a molecule of methane?  
A: **tetrahedral**

### Set of 4

38. What song's chorus describes it as a "take back my life song" and a "prove I'm alright song", and was recorded by Rachel Platten?  
A: **"Fight Song"**
39. What Public Enemy song was written for the soundtrack to Spike Lee's film *Do The Right Thing*?  
A: **"Fight the Power"**
40. What night of the week, according to an Elton John song, is alright for fighting?  
A: **Saturday** night
41. The mostly instrumental "Gonna Fly Now" is better known as the training theme music for what movie boxer?  
A: **Rocky Balboa** (accept either bolded part)

### Set of 5

42. What artistic movement was named for a painting by Claude Monet depicting a sunrise?  
A: **Impressionism** (accept: **Impressionist** movement)
43. Monet created around 250 paintings of what flowers found in a pond in his garden?  
A: **water lilies**
44. Ballerinas were often depicted in the works of what French Impressionist painter?  
A: Edgar **Degas**
45. What American Impressionist painted works featuring women and children such as *The Boating Party* and *The Child's Bath*?  
A: Mary **Cassatt**
46. What Impressionist composed the four-movement *Suite bergamasque*, whose third movement is titled "Clair de lune"?  
A: Claude **Debussy**

### Linked Set of 4

47. Which US state is home to Petrified Forest National Park, Antelope Canyon, and the Grand Canyon?  
A: **Arizona**
48. What mythological creature gives its name to the capital of Arizona?  
A: **phoenix**
49. What historical figure gave his name to Albus Dumbledore's phoenix?  
A: Guy **Fawkes**
50. In which month of 1605 did Guy Fawkes plan to blow up the British parliament?  
A: **November** 1605

### END OF FIRST HALF

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### THIRD QUARTER

#### Splits: International Foods & Mental Math

##### International Foods

51. What cut of meat, which used to be given to slaves due to its toughness but is now seen as a delicacy, is a staple of Jamaican cuisine?  
A: **oxtail**
52. Fried cod or haddock in batter, served with French fries, makes up what British pub staple?  
A: **fish and chips**
53. What country claims tom yum soup and pad see ew among its national dishes?  
A: **Thailand**
54. Ducks and geese are forcibly overfed to create a rich-tasting liver for what expensive French dish?  
A: **foie gras**

##### Mental Math

You will have 5 seconds for each of the following questions.

55. What is 7 factorial?  
A: **5040**
56. What is 45 squared?  
A: **2025**
57. What is the sum of the natural numbers up to and including 20?  
A: **210**
58. What is 6 choose 3?  
A: **20**

### Set of 3: Words

59. What word can follow full, brick, halfway, or Maxwell?  
A: **house**
60. What word can follow industry, pitcher, power, or house?  
A: **plant**
61. What word can follow purple, chocolate, November, or acid?  
A: **rain**

### Jailbreak

62. Paul Lynch's *Prophet Song* won the 2023 iteration of what literary prize that was formerly sponsored by the Man Group?  
A: **Booker** Prize
63. What is the largest island in China, the southernmost part of the country's territory?  
A: **Hainan**
64. What is the largest string instrument in the modern symphony orchestra?  
A: double/upright/string **bass**
65. The Evian Accords gave independence to what country, whose FLN had fought a war against France from 1954 to 1962?  
A: **Algeria**
66. What poet translated his own collection *Gitanjali* as *Song Offerings*, and was the first non-European to win the Nobel Prize for Literature?  
A: Rabindranath **Tagore**
67. Who advocated for rule by knowledgeable philosopher-kings in his work *The Republic*?  
A: **Plato**
68. Who starred as the title character of the 2021 film *Cruella*?  
A: Emma **Stone**
69. The islands Samui and Phuket ["poo-KET"] belong to what country?  
A: **Thailand**
70. What word means "red" in Spanish?  
A: **rojo** ["RO-ho"] (accept: **roja** ["RO-ha"])
71. "Nothing Else Matters" and "Enter Sandman" are songs by what heavy metal band?  
A: **Metallica**
72. What country's SLIM lander reached the Moon on January 19th, 2024, but soon had to power down because its solar panels were facing the wrong way?  
A: **Japan**
73. Who was the first US President to die in office?  
A: **William** Henry **Harrison** (accept: **W.H. Harrison**) (prompt on: Harrison)
74. What does the initialism USB stand for?  
A: **Universal Serial Bus**

75. Who penned the line "to err is human, to forgive divine," in his *Essay on Criticism*?  
A: Alexander **Pope**

### END OF THIRD QUARTER

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### FOURTH QUARTER

#### Jackpot

76. Part 1: What is the first name of the Shakespearean character who fakes their own death after the meddling Don John accuses them of disloyalty?
77. Part 2: This word fills in the blank in the original subtitle of William Makepeace Thackeray's *Vanity Fair*, "A Novel without a [BLANK]".
78. Part 3: This word also fills in the blank in *The [BLANK] with a Thousand Faces*, a book written by Joseph Campbell to describe his concept of the monomyth and its central figure.
79. Part 4: This singular noun refers to a noble and courageous protagonist of a story.  
A: **hero** (reject word forms)

#### Streak

80. Give the capital cities of up to all seven countries that end with -stan.

A: **Ashgabat**

A: **Astana**

A: **Bishkek**

A: **Dushanbe**

A: **Islamabad**

A: **Kabul**

A: **Tashkent**

#### Streak

84. Name up to all of the TV series that won multiple Golden Globes at the ceremony held in January 2024.

A: **Succession**

A: **The Bear**

A: **Beef**

#### Set of 4: Social Classes

85. The means of production in capitalist economies are owned by what social class, according to Marxist economics?

A: **bourgeoisie** (accept: **bourgeois**)

86. What priestly class of the Vedic period became the highest varna in India's caste system?

A: **Brahmins**

87. Forced to alternate between the capital and their landholdings during the Edo period, what feudal lords owned most of the land in medieval Japan?

A: **daimyos**

88. Tribunes were elected to represent what social class, who struggled for influence against the wealthy patricians in the Roman Republic?  
A: **plebeians** (accept: **plebs**, **plebes**)

### 12-Part Blitz

89. In what mountain range is Aoraki, also known as Mount Cook, located?  
A: **Southern Alps** (reject partial answers)
90. What character dances to a *Pokemon* theme song in a meme that originated from a *How to Train Your Dragon* parody?  
A: **Toothless**
91. Two pitches off by a few Hertz will create a pulsating frequency known by what name?  
A: **beat** frequency
92. In chess, which two pieces move during castling?  
A: **rook** AND **king**
93. Due to her red hair, Geri Halliwell was better known as which member of the Spice Girls?  
A: **Ginger** Spice
94. What single-word catchphrase appears in aggressive red cartoonish letters within a speech bubble and is delivered by characters pointing their finger accusingly in the *Ace Attorney* games?  
A: **"Objection!"**
95. The Florentine Codex is a 16th-century ethnographic study of what empire?  
A: **Aztec** empire
96. What is the largest coral reef system in the world?  
A: **Great Barrier** Reef
97. In *The Wizard of Oz*, what is the location Dorothy hopes to reach by following the yellow brick road?  
A: **Emerald City** (prompt on: the city)
98. What chain runs the Bonvoy series of hotels, and has the most rooms of any hotel chain in the world?  
A: **Marriott**
99. What word refers to flat leather shoes that have no laces or fasteners, allowing one's feet to slide into them?  
A: **loafers**
100. What former MP for Vancouver Centre is the only Canadian prime minister born in British Columbia?  
A: Kim **Campbell**

**END OF GAME**