

80 Trivia Questions for 5th Graders

Trivia for ages 10-11 across life science, math and civics, with a full answer key.

Name: _____ Date: _____

Fractions, Decimals & Math

1. What is 0.5 written as a fraction?

2. What is 7×13 ?

3. What is 25% of 200?

4. Which is larger: 0.7 or 0.65?

5. What do you call the top number of a fraction?

6. What is the volume of a box $2 \times 3 \times 4$ units?

7. Convert $\frac{3}{5}$ to a decimal.

8. What is the average (mean) of 4, 8, and 12?

9. How many milliliters are in one liter?

10. What is the next prime number after 7?

Human Body & Science

11. Which body system includes your heart and blood vessels?

12. What is the smallest unit of life?

13. Which part of the cell is called its 'control center'?

14. What carries messages between your brain and the rest of your body?

15. What is the windpipe's scientific name?

16. Which blood cells fight infection?

17. What is photosynthesis's main waste product (lucky for us)?

18. What type of energy is stored in food?

19. What are the small air sacs in your lungs called?

20. Which is NOT a mammal: dolphin, shark, or bat?

World Geography

21. What is the largest country in the world by area?

22. What is the capital of Japan?

23. Which continent has the most countries?

24. The Amazon River is on which continent?

25. What is the capital of Australia (hint: not Sydney)?

26. Which two continents does Russia span?

27. What is the smallest continent?

28. Which African river flows north into the Mediterranean Sea?

29. What imaginary lines run from the North Pole to the South Pole on a map?

30. Mount Everest sits on the border of Nepal and which other country?

American History

31. In what year was the Declaration of Independence signed?

32. What was the first permanent English colony in America?

33. Who was the main author of the US Constitution, often called its 'Father'?

34. What purchase from France in 1803 doubled the size of the US?

35. Which war was fought between the North and South of the United States?

36. Who sewed (according to legend) the first American flag?

37. Which two explorers mapped a route to the Pacific Ocean in 1804–1806?

38. What document begins with 'We the People'?

39. Who was president when the US bought Alaska from Russia?

40. What movement won American women the right to vote in 1920?

Brain Stretchers

41. What is the only planet that rotates on its side?

42. Which language has the most native speakers in the world?

43. What is the chemical symbol for gold?

44. How long does light from the Sun take to reach Earth — 8 seconds, 8 minutes, or 8 hours?

45. What is the world's deepest ocean trench?

46. A 'lustrum' is a period of how many years?

47. Which organ can regenerate (regrow) parts of itself?

48. What is the capital of Canada?

49. Which famous physicist was offered the presidency of Israel and declined?

50. What is the only letter that doesn't appear in any US state name?

Life Science

51. What is the basic unit of all living things?

52. What do we call the process by which living things pass traits to their offspring?

53. What gas do plants absorb from the air to make food?

54. What is DNA?

55. What is the name for the process where a species slowly changes over many generations?

56. What organ in the body pumps blood?

57. What is the name of the part of the cell that controls its activity?

58. What do we call animals that are active at night?

59. What type of rock is formed from cooled lava?

60. What is the food chain relationship called where one animal eats another?

Maths & Logic

61. What is the value of pi (to two decimal places)?

62. What is the area of a rectangle that is 8 cm wide and 5 cm tall?

63. What is a percentage? Give an example.

64. What is the square root of 81?

65. What is the difference between mean, median, and mode?

66. What type of triangle has all three sides equal?

67. If a train travels at 60 mph for 2.5 hours, how far does it go?

68. What is 15% of 200?

69. What do we call two numbers that multiply to give 1? (e.g. 2 and $\frac{1}{2}$)

70. What is the formula for calculating the circumference of a circle?

World Events & Civics

71. What is the United Nations and why was it formed?

72. What is democracy?

73. What are the three branches of the US federal government?

74. What is the role of the Supreme Court?

75. What amendment to the Constitution gave women the right to vote?

76. What do we call the right to speak or write your opinions without government censorship?

77. Who currently leads the United Nations as Secretary-General?

78. What is the purpose of the Bill of Rights?

79. Which body of the US government has the power to declare war?

80. What do we call the economic system where businesses and individuals own property and compete freely?

Answer Key

Fractions, Decimals & Math

1. What is 0.5 written as a fraction? - $\frac{1}{2}$.
2. What is 7×13 ? - 91.
3. What is 25% of 200? - 50.
4. Which is larger: 0.7 or 0.65? - 0.7.
5. What do you call the top number of a fraction? - The numerator (the bottom is the denominator).
6. What is the volume of a box $2 \times 3 \times 4$ units? - 24 cubic units.
7. Convert $\frac{3}{5}$ to a decimal. - 0.6.
8. What is the average (mean) of 4, 8, and 12? - 8 — add them (24) and divide by 3.
9. How many milliliters are in one liter? - 1,000.
10. What is the next prime number after 7? - 11.

Human Body & Science

11. Which body system includes your heart and blood vessels? - The circulatory system.
12. What is the smallest unit of life? - The cell.
13. Which part of the cell is called its 'control center'? - The nucleus.
14. What carries messages between your brain and the rest of your body? - Nerves (the nervous system).
15. What is the windpipe's scientific name? - The trachea.
16. Which blood cells fight infection? - White blood cells.
17. What is photosynthesis's main waste product (lucky for us)? - Oxygen.
18. What type of energy is stored in food? - Chemical energy.
19. What are the small air sacs in your lungs called? - Alveoli — where oxygen enters your blood.
20. Which is NOT a mammal: dolphin, shark, or bat? - The shark — it's a fish.

World Geography

21. What is the largest country in the world by area? - Russia.
22. What is the capital of Japan? - Tokyo.
23. Which continent has the most countries? - Africa — more than 50.
24. The Amazon River is on which continent? - South America.
25. What is the capital of Australia (hint: not Sydney)? - Canberra.
26. Which two continents does Russia span? - Europe and Asia.
27. What is the smallest continent? - Australia (Oceania).
28. Which African river flows north into the Mediterranean Sea? - The Nile.
29. What imaginary lines run from the North Pole to the South Pole on a map? - Lines of longitude (meridians).

30. Mount Everest sits on the border of Nepal and which other country? - China (Tibet).

American History

31. In what year was the Declaration of Independence signed? - 1776.
32. What was the first permanent English colony in America? - Jamestown, Virginia (1607).
33. Who was the main author of the US Constitution, often called its 'Father'? - James Madison.
34. What purchase from France in 1803 doubled the size of the US? - The Louisiana Purchase.
35. Which war was fought between the North and South of the United States? - The Civil War (1861–1865).
36. Who sewed (according to legend) the first American flag? - Betsy Ross.
37. Which two explorers mapped a route to the Pacific Ocean in 1804–1806? - Lewis and Clark (with Sacagawea's help).
38. What document begins with 'We the People'? - The US Constitution.
39. Who was president when the US bought Alaska from Russia? - Andrew Johnson (1867).
40. What movement won American women the right to vote in 1920? - The women's suffrage movement (19th Amendment).

Brain Stretchers

41. What is the only planet that rotates on its side? - Uranus.
42. Which language has the most native speakers in the world? - Mandarin Chinese.
43. What is the chemical symbol for gold? - Au — from the Latin 'aurum'.
44. How long does light from the Sun take to reach Earth — 8 seconds, 8 minutes, or 8 hours? - About 8 minutes.
45. What is the world's deepest ocean trench? - The Mariana Trench in the Pacific.
46. A 'lustrum' is a period of how many years? - Five.
47. Which organ can regenerate (regrow) parts of itself? - The liver.
48. What is the capital of Canada? - Ottawa.
49. Which famous physicist was offered the presidency of Israel and declined? - Albert Einstein.
50. What is the only letter that doesn't appear in any US state name? - Q.

Life Science

51. What is the basic unit of all living things? - The cell.
52. What do we call the process by which living things pass traits to their offspring? - Heredity (or genetics).
53. What gas do plants absorb from the air to make food? - Carbon dioxide (CO $\blacksquare$).

54. What is DNA? - Deoxyribonucleic acid — the molecule that carries genetic instructions for how living things develop and function.

55. What is the name for the process where a species slowly changes over many generations? - Evolution.

56. What organ in the body pumps blood? - The heart.

57. What is the name of the part of the cell that controls its activity? - The nucleus.

58. What do we call animals that are active at night? - Nocturnal animals.

59. What type of rock is formed from cooled lava? - Igneous rock.

60. What is the food chain relationship called where one animal eats another? - Predator (hunter) and prey (the hunted).

Maths & Logic

61. What is the value of pi (to two decimal places)? - 3.14

62. What is the area of a rectangle that is 8 cm wide and 5 cm tall? - 40 cm² ($8 \times 5 = 40$).

63. What is a percentage? Give an example. - A percentage is a number out of 100. For example, 50% means 50 out of 100 (or half).

64. What is the square root of 81? - 9 (because $9 \times 9 = 81$).

65. What is the difference between mean, median, and mode? - Mean = average; Median = middle value when sorted; Mode = most frequent value.

66. What type of triangle has all three sides equal? - An equilateral triangle.

67. If a train travels at 60 mph for 2.5 hours, how far does it go? - 150 miles (60×2.5).

68. What is 15% of 200? - 30 ($15 \div 100 \times 200 = 30$).

69. What do we call two numbers that multiply to give 1? (e.g. 2 and $\frac{1}{2}$) - Reciprocals (or multiplicative inverses).

70. What is the formula for calculating the circumference of a circle? - $C = 2\pi r$ (where r is the radius).

World Events & Civics

71. What is the United Nations and why was it formed? - An international organisation of 193 countries, formed in 1945 after World War II to promote peace, security, and cooperation.

72. What is democracy? - A system of government where citizens vote to choose their leaders and make decisions.

73. What are the three branches of the US federal government? - Legislative (Congress), Executive (President), and Judicial (Supreme Court).

74. What is the role of the Supreme Court? - To interpret the Constitution and decide whether laws are constitutional.

75. What amendment to the Constitution gave women the right to vote? - The 19th Amendment (ratified in 1920).

76. What do we call the right to speak or write your opinions without government censorship? - Freedom of speech (or freedom of expression).

77. Who currently leads the United Nations as Secretary-General? - António Guterres (as of 2026).

78. What is the purpose of the Bill of Rights? - To protect individual rights and freedoms against government interference — it's the first 10 amendments to the Constitution.

79. Which body of the US government has the power to declare war? - Congress (specifically the House and Senate).

80. What do we call the economic system where businesses and individuals own property and compete freely? - Capitalism (or a free-market economy).