Click to prove you're human

Last updated5 August 201920 questions on 1 A4 sheet suitable for KS3 and KS4.Answers are included**This is a free sample. Bundles are available: search on lunchbox1 **This worksheet is designed to be used as a non-calculator test sheet, although it could be renamed to become a homework sheet. Depending on the class ability and level of difficulty I give 7 - 10 minutes for the test and then about 5 minutes to discuss some answers and methods.Suitable for all year 7 classes, middle/ lower year 8 and 9 classes and lower year 10 and 11 classes.Questions are on various topics including: arithmetic, fractions, percentages, decimals, algebra substitution and simplifying, lengths/ distance conversions, probability, factors, primes, squaring and square rooting and some shape symmetry/ drawing.The level of difficulty gradually builds over time.I am uploading the following bundles (all contain answers):Quick 20 tests - Foundation level 1 - 10Quick 20 tests - Foundation level 11 - 20Quick 20 tests - Higher level 1 - 10Quick 20 tests - Higher level 11 - 20Quick 20 tests- Higher Prep 1 - 10Creative Commons "NoDerivatives"Select overall rating(no rating)Your rating is required to reflect your happiness.Write a reviewUpdate existing reviewIt's good to leave some feedback.Something went wrong, please try again later.Excellent resource! Thank you.Thank you Sarakgal, I have uploaded similar tests. Please search on 'lunchbox1'. Empty reply does not make any sense for the end userThank youEmpty reply does not make any sense for the end userExcellent resource, I really liked this and it worked well for my Year 10 low ability Foundation class. I can't seem to find the others and I've only found the Higher ones on TES. Thank you for your comment. I had uploaded some bundles of these tests, but some issue with copyright meant they were removed. However, if you search on "lunchbox1" you will find the current test bundles that are available. I will attempt to re-do the removed ones. I still don't know what the original copyright issue was about?!Empty reply does not make any sense for the end userThank you for your review. I have lots of other 'Quick 20' tests in bundles of 10 for sale for a modest price if you like this one! Just search on 'lunchbox1' on the TES website. Think of the hours saved having to create your own resources! All the best.Empty reply does not make any sense for the end userReport this resourceto let us know if it violates our terms and conditions. Our customer service team will review your report and will be in touch. Test your mathematics with our fun Questions and Answers Maths Quiz; all question and answers rounds are printable for free and it's easy to print questions then conveniently print a separate answers list. Our selection of Maths questions and quizzes include some easy and hard brain teasers and calculations! Anybody can play our readymade Questions and Answers Maths Quiz with rounds ideal for family quizzes or a local pub quiz. There are fun multiplication, subtraction, timetables, addition, division and sums for teams of friends and family to solve. It's easy, simply click on one of the mathematics quizzes and question rounds to begin: Questions and Answers Math Quiz Have a go at our free online Maths quizzes and see how much you can remember. These Maths quizzes are very entertaining and fun; they will certainly make your brain work hard! Try to answer the Maths questions without using a calculator; it might take a little time to answer some of the brain teasers but the maths questions will definitely keep you entertained! Mathematical Quiz Questions and Answers There's a variety of Mathematical questions and answers which are all printable for free and include different subjects related to math such as percentages, angles, sums, times tables, addition, division and multiplication. A range of quizzes and questions for kids, teens, adults, schools and teachers select from our printable free maths quiz questions and answers. Printable Maths Quizzes To Help Test and Teach Children and Teenagers These free Maths quizzes are great for teaching Maths to kids as the maths questions will help their development as they work through the answers. If you need a little time to answer the Maths quiz questions or if you want to try your hand at being a quiz master and holding your own quiz night, printing the questions and answers out is always an option, and it's free to do so. Select from our printable free questions and answers pages. Questions and Answers Maths Quiz Printable Answers, ready made mathematics quizzes for bars, pubs Fun Math quizzes suitable questions for kids and adults Math Quizzes with answers to print out for free Simple and easy to print pub maths questions and answers Online pub trivia questions, games and q and a rounds for New Year Multiple Choice and True or False Question and Answers Rounds Quizzes for Christmas, Easter, Halloween No download as quizzes are free to print out Mathematics - subtraction, multiplication, addition, times Older Posts Last Updated: 15 January 2025Are you good at Maths? Lets boost your knowledge!Mathematics Questions whether it be simple as addition or as hard as Abstract Algebra is always there in competitive exams.The PDF format of all the questions is given at the bottom of this page, Make sure to download it after reading.We always have heard that if you dont practice maths you will forget how to solve it, Yes its true. Therefore lets learn something new today.Lets try to answer some of the questions on maths that can help you improve your proficiency.1. Who is the Father of Mathematics?Answer: Archimedes2. Who discovered Zero (0)?Answer: Aryabhatta, AD 458Explanation: Aryabhatta invented zero but he didnt give any symbol for zero, Brahmagupta was the first to give a symbol for zero and rules to compute with zero.3. What is the average of the first 50 natural numbers?Answer: 25.54. When is Pi Day celebrated around the world?Answer: March 145. The value of Pi?Answer: 3.141596. Value of cos 360?Answer: 17. Angle greater than 180 degrees but less than 360 degrees are called?Answer: Reflex Angles8. Who discovered the laws of the lever and pulley?Answer: Archimedes9. Scientist who was born on Pi Day?Answer: Albert Einstein10. Who discovered Pythagoras Theorem?Answer: Pythagoras of Samos11. Who discovered the Symbol Infinity ?Answer: John Wallis12. Father of Algebra?Answer: Muhammad ibn Musa al-Khwarizmi (Persian Mathematician)13. Who discovered Fibonacci Sequence?Answer: Leonardo Pisano Bigollo14. First person to use the Greek letter pi () to denote the constant?Answer: William Jones in 170615. Who discovered Logarithms and the Decimal point?Answer: John Napier16. Who invented the equals sign (=) ?Answer: Robert Recorde17. Who invented the Slide rule?Answer: William Oughtred18. Who invented Protractor?Answer: Joseph Huddart19. Who discovered the center of gravity?Answer: Archimedes21. Who created the symbol e ?Answer: Leonhard Euler22. Which Greek Mathematician was killed by Romans during the capture of Syracuse?Answer: Archimedes23. Who developed an easy method to find out all the Prime Numbers?Answer: Eratosthenes24. Eulers Formula?Answer: Euler discovered two Important formulas1) F+V=E+ 22) eix= cosx+isinx25. Father of Trigonometry?Answer: Hipparchus26. Father of Science?Answer: Galileo Galilei27. Who discovered Line Graph, Bar Chart, Circle Graph?Answer: William Playfair28. Who discovered (delta)?Answer: William Rowan Hamilton29. Who invented Boolean Algebra?Answer: GeorgeBoole in 184730. Who invented Unknown or variable quantities x, y, z ?Answer: Ren Descartes31. Who discovered Graph Theory?Answer: Leonhard Euler32. Value of Napiers constant e ?Answer: e 2.7182833. Write the next number of the following Sequences 1, 1, 2, 3, 5, 8, 13, _?Answer: 2134. Who invented Unit Vectors i, j, k ?Answer: William Rowan Hamilton35. Who created the BODMAS rule?Answer: Achilles Reselfelt36. Who discovered the Square Root symbol ?Answer: Christoph Rudolff37. Who invented Statistical Graph?Answer: William Playfair38. Who is considered as the Father of Calculus?Answer: Isaac Newton and Gottfried Leibniz39. Who is the Father of Analytic Geometry?Answer: Ren Descartes and Pierre de Fermat41. Who DevelopedTaylor seriesexpansions ofTrigonometric Functions?Answer: Madhava of Sangamagrama42. Who discovered the Law of gravity?Answer: Sir Isaac Newton43. Who created i (-1) as an Imaginary Number?Answer: Leonhard Euler44. Who discovered Multiplication?Answer: William Oughtred45. Father of Geometry?Answer: Euclid of Alexandria (Commonly known as Euclid)46. Who constructed the first Trigonometric Table?Answer: Hipparchus47. Who discovered Hyperbolic Sine and cosine Sinh and Cosh?Answer: Vincenzo Riccati48. Mathematical device that has Beads?Answer: Abacus49. How many Zeros are there in One Billion?Answer: 9 (nine)50. Who discovered Derivatives?Answer: Gottfried LeibnizRead More GK on Mathematics here51. Who discovered Differential Equations dx ?Answer: Gottfried Leibniz52. Who discovered Summation ?Answer: Srinivasa Ramanujan53. Who discovered the Product sign ?Answer: Carl Friedrich Gauss54. Which Symbol did Karl Weierstrass Invent?Answer: |x|55. What do we call people who have a Fear of Numbers ?Answer: Numerophobia56. Name of the symbol ?Answer: Nabla57. Who introduced the term function in Mathematics?Answer: Gottfried Wilhelm Leibniz58. Who introduced the notation for afunction y =f(x)?Answer: Leonhard Euler59. Name of the symbol ?Answer: Equivalence Relation and Modulus61. Name of the Symbol ?Answer: Perpendicular62. What is the other name of Multiplication Sign X ?Answer: Times Sign63. Name of the Symbol ?Answer: Equal by definition64. Name of the Symbol ?Answer: Sigma65. Name of the Symbol ?Answer: Capital Pi66. Name of the Symbol ?Answer: Golden ratio67. Name of the Symbol ?Answer: Implies68. Name of the Symbol ?Answer: Therefore69. The total number of dots on a dice?Answer: 2170. What is the Number system of these letters V, X, L, D, M?Answer: Roman Numerals71. Who discovered the empty setsign (null)?Answer: Andr Weil72. Roman Number of 40?Answer: XL73. What Number that is twice the sum of their digits (other than zero)?Answer: 1874. Which is the only even Prime Number?Answer: 275. Roman Number of 50?Answer: L76. Roman Number of 60?Answer: LX77. Roman Number of 70?Answer: LXX78. Roman Number of 90?Answer: XC79. Roman Number of 100?Answer: C81. Which is the smallest Perfect Number?Answer: 682. Who discovered + and ?Answer: Johannes Widman83. Who discovered intersection and union ?Answer: Giuseppe Peano84. What is the next Prime Number after 13?Answer: 1785. Which is the only number that cannot be used as a Divisor?Answer: Zero86. Who is known as the prince of Mathematics in India?Answer: Srinivasa Ramanujan87. Who said the phrase Number rules the Universe?Answer: Pythagoras88. Which number is Known as Ramanujan-Hardy Number?Answer: 172989. What is the name of the number system with base 2?Answer: Binary90. How many seconds are there in one hour?Answer: 3600 Seconds91. Who discovered the identitysign (forcongruence relation)?Answer: Carl Friedrich Gauss92. Which number system does not have the symbol for zero?Answer: Roman Numerals93. Who discovered Number Line?Answer: John Wallis94. Who discovered strict inequalitysigns < and > ?Answer: Thomas Harriot95. What number do we get when we multiply all of the numbers on a Telephone Number Pad?Answer: Zero96. Who discovered the division sign ?Answer: Johann Rahn97. Who discovered the x greatest integer x(floor) and x smallest integer x(ceiling)?Answer: Kenneth E. Iverson98. What is the name for the longest side of a Right Angled Triangle?Answer: Hypotenuse99. Which number does not have a Reciprocal?Answer: zero100. Who discovered Mathematical Induction?Answer: Giovanni Vacca101. What Phobia is the fear of Numbers?Answer: Arithmophobia102. How many zeros are there in One Trillion?Answer: 12 Zeros (1,000,000,000,000)103. What comes after a Trillion?Answer: Quadrillion104. Name the Polygon that has 15 Sides?Answer: Pentadecagon105. What is the other name of the Perimeter of a Circle?Answer: Circumference106. Riya ranked 8th from the top & 26th from the bottom in a class. How many students are there in the class?Answer: 33Are you afraid of math too? Has math always been a real task for you? Do you feel the math gene myth is real?Well, trust us, we feel you and we are here to break that math gene myth for you. Mathematics can be really fun and entertaining if its looked at the right way.All of us have been through that scary phase where we have crushed our minds into understanding Math and the logic behind it and yet on exam day, have ended up all confused about what is the question asking for. But, lets have a different approach towards it, lets look at math as a game, and then it would never feel like math questions are hard.Math becomes all the way more interesting when explored through a different approach. Every math questions, equation, and diagram of math speaks volumes of information and as the rule goes by most of the steps of your answer are in the question itself.For the start, make it a rule to practice math each day, and we assure you that it would seem simpler than your fear in a matter of days. Associate it with your daily life and master math with practice. It is imperative to break the myths associated with math and math genes right from the start because math fear sometimes becomes the sole problem for not wanting to try.Wondering why math is so important? The simplest answer is because it is a crucial life skill that would help you at every step in your life, from the simplest of things like calculating your percentage to planning budgets later in life. Lets break the math gene stereotype by going through some simple, tricky seem hard, and yet fun math problems with their step-by-step solutions.Through this, you will come across patterns, logic, and concepts that will help plunge your maths fear and internal beliefs striking the realization that it is not the math gene but the practice that makes you a master of math.Tricky Yet Fun Math Questions With SolutionsIts time for you to brainstorm and put your minds to actively work to challenge your thinking ability and boost up your math skills, with the blend of these tricky, logical, seemingly hard math questions.Question 1. If 1=3, 2=3, 3=5, 4=4; 5=4, then 6=?a.2b.5c.3d.4Ans. c. 3If you notice the pattern one = 3, three = 5, and so on, based on the number of letters, a number is spelled out. So since six has three letters, therefore, 6=3.Question 2. Joey had 6 siblings. All of them were born 2 years apart. The youngest is Chloe who is only 7 years old while Joey is the eldest. Calculate Joeys age.a.12b.18c.22d.19Ans. The age of youngest sibling, Chloe is 7. There are in total 7 siblings, Joey plus his 6 siblings. It is given that all of them were born 2 years apart. So Joeys age would be7 + 2 + 2 + 2 + 2 + 2 + 2 = 19Question 3. There are 49 dogs signed up to compete in the dog show. There are 36 more small dogs than large dogs signed up to compete. How many small dogs are signed up to compete?a.13b.42.5c.6.5d.42Ans. To find out the number of dogs competing, you first have to subtract 36 from 49 and then divide the resultant answer by 2. That is 13 divided by 2 to get 6.5. 6.5 is the number of big dogs that signed up. No, this aint the final answer yet. The next step is to add 6.5 to 36. The answer thus is 42.5, and since we all know that a half-dog cant participate, so it is a hypothetical question and we have to assume 42.5 as the answer.Question 4. Solve: 3 + 2 (8 3)a.13b.24c.15d.17Ans. 3 + 2 (8 3)= 3 + 2 (5)= 3 + 10= 13Question 5. Analyze the pattern and find the missing number:a.9b.5c.6d.1Ans. If you analyze the pattern in each of the complete circles, you will realize that the numbers add up to a total of 20. Hence, for the incomplete circle,2 + 9 + 8 + ? = 20.19 +? = 20? = 20 19 = 1Question 6. I am an odd number. Take away one letter and I become even. What number am I?Ans. The answer to this question is seven which is an odd number and when you remove s from seven it becomes even.Question 7. At which number is the car parked?Ans. Believe it or not, you wont need any calculations or even 5 seconds to solve this question when you look at the picture upside down. It turns out, that it is just a simple sequence of numbers and the answer is 87.Question 8. Ankit visited an exhibition near his house. He rode his new bicycle gifted by his mother for winning the science competition. After reaching the exhibition Ankit saw that there were a total of 14 bicycles and tricycles. Given the total number of wheels to be 38, find the number of tricycles in the park.Ans. Total number of cycles = 14Each bicycle has at least 2 wheels each.14 x 2 = 28Total number of wheels given = 3838 28 = 10This means that there are 10 cycles with one extra wheel each, so the total number of tricycles in the park is 10.Question 9. Whether added or multiplied together, which three numbers have the same answer?Ans. 1 + 2 + 3 = 6 and 1 x 2 x 3 = 6; so the answer is 1, 2 and 3.Question 10. Solve the following equation:9 3 1/3+ 1 =?Ans. The answer to this question is 1. All you need to do is, flip the fraction to turn the division into multiplication.9 3 x 3 + 1 =?9 9 + 1 = 1Question 11. Rice weighing 33/4 pounds was divided equally and placed in 4 containers. How many ounces of rice were in each?Ans. 33/4 4 pounds.= (4 3 + 3)/4 4 pounds.= 15/4 4 pounds.= 15/4 1/4 pounds.= 15/16 pounds.We know, that 1 pound = 16 ounces.Therefore, 15/16 pounds = 15/16 16 ounces.= 15 ounces.Question 12. Jessica bought a basket containing 5 apples. If she had to divide the apples, in such a way that each of her 5 students gets 1 apple and 1 apple remains in the basket. How will she do it?Ans. Jessica can provide 4 apples to 4 students each and give the 5th student the basket with the apple still in it.Question 13. Add 8.254 and 4.2672.Ans. Adding digits with decimal is just as simple as plain addition. The fact that 8.254 has lesser digits than 4.2672 does not make a difference. All you need to do is just simply add a 0 at the end of 8.254. The answer thus becomes 12.5212.Question 14. Create an equation using four sevens (7s) and a one (1) to get the answer as 100.Ans. 177 77 = 100Question 15. If 1 = 5; 2 = 25; 3 = 325 and 4 = 4325; then 5 =?Ans. The immediate answer that would pop up in your mind looking at the pattern is 54325. But that isnt the correct answer. The correct answer is given in the question itself since the question states that 1 = 5 then 5 = 1.Question 16. Consider there are 85 people in a warehouse, out of which some have been turned into zombies while some are still alive. If the ratio of zombies to living human beings is 2:3, calculate the total number of zombies.Ans. We are given that there are 2 zombies for every 3 humans.2 + 3 = 5To figure the total no. of groups of humans and zombies, we divide the total strength by 5.85/5 = 17.Now, to get the total no. zombies and humans, we will multiply 17 by 2 and 3 respectively. The answer is thus 34 zombies and 51 humans.Question 17. Looking at this series: 22, 21, 23, 22, 24, 23, What number should come next?Answer: If you notice, the alternate numbers in the series are creating a consecutive number pattern. So following the pattern, the answer would be 25.Question 18. Find the area of the red triangle.Answer: To solve this question, you need to know the formulas to find the area of a triangle and the area of the parallelogram and the relationship between them.Since the area of a triangle is equal to half the area of a parallelogram.Now that you know this, adding 79 and 10 and subsequently subtracting 72 and 8, will get you the answer as 9.Question 19. Suppose there is a three-digit number. The second digit of the number is four times bigger than the third digit, while the first digit is three less than the second digit. Find the number.Ans. The number is 141 since 4 is four times bigger than 1 and also three less than 1.Question 20. Make a correct equation using the numbers 2, 3, 4, and 5 and the symbols = and +.Ans. The best possible equation using the given numbers and symbols would be,5 + 2 = 3 + 4Question 21. If 500 students attend Washington Middle School, how many are going to the mountains for vacation?A. 25B. 60C. 75D. 100E. 125Ans: B.60Why is it Important to Look at Math Problems From a Fun Approach?It is important to look at math problems from a fun approach and to make math a delightful experience because boosting your mathematics skills would help you in the long run in life. Every field demands a person to know the basic maths and simplest trick questions. Most competitive exams also instill fear in students with the maths part, when in reality, those exams have the simplest math questions which at times dont even require calculations, but just logical thinking.Math and practice of it do make you a smarter person, a logical thinker increases concentration power, and helps you focus and become attentive thereby polishing your intelligence and helping your brain and overall development.How to Transform Math Time into Fun Time?Some tips and techniques to make math problems look easier from the start are to gain interest in it by:The first and foremost key to mastering math is regular practice.Take math time as a brainstorming session and mindful activity rather than looking at it as a task.Connect math problems to your daily life and look at them from that perspective. To make it all the way more interesting, try using dice, puzzles, cards, etc.Look at a question and understand the information, apply the skills and recall the concepts. Page 2For various reasons, mostly related to the individualized approach it provides, online Tutoring Works Better Than Group Sessions benefits have always been shown to be more than group learning. Although it would appear clear-cut, parents and kids can unwittingly fall for the trap of inaccurate and deceptive benchmarks pushed by group coaching programs. Often, valuable time has passed by the time they come to see this. Individualized 1-on-1 tutoring has more benefits over group or classroom-based learning. Many parents and students might not be aware that low-cost tutoring organizations frequently create group coaching or tutoring systems with an eye toward maximizing revenues rather than benefiting their students. Usually paying low salaries, these institutions have one teacher and they fill classes with more than one hundred students each session. This arrangement gives the institutions financial interests top priority instead of providing students with individualized instruction. In this article, well be diving deep into the one-on-one tutoring benefits, so lets begin. One of the nicest one-on-one tutoring benefits is how intimate it seems. Students receive a learning plan created especially for them rather than attending a broad session designed for a full group. The tutor can instantly identify a students current knowledge level and areas of difficulty, then modify the courses of instruction in response. Students might so avoid covering ground they have already covered and spend more time on challenging subjects. Instead of feeling left behind or bored, simply targeted, effective learning that really counts. Turito truly shines in that regard. Turitos teachers reject a one-size-fits-all solution. Examining every students performance and objectives helps them to construct personalized learning roadmaps. Turito ensures sure students get the correct support only when they need it by using clever AI technologies and frequent progress assessments. Turitos adaptable strategies enable students to go faster, learn deeper, and feel more secure along the way, regardless of their level of arithmetic confidence or mastery of challenging science ideas. Not only is tailored learning better, but it also represents the wiser approach for development. One-on-one tutoring benefits include establishing a meaningful relationship rather than merely cover academics. Trust naturally begins to blossom when a student works closely with a tutor. Once trust exists, students feel far more at ease asking questions, even the ones they might be reluctant to raise in a larger group. One big difference is feeling heard and valued. One may easily get lost or ignored in a group environment. But with a personal instructor, the voice of the pupil counts every single time. Every uncertainty is resolved, every concern is given weight, and that fosters actual confidence. This relationship keeps students inspired as well. Those who know someone is really committed in their accomplishment are more willing to remain involved, put in the work, and push through difficult subjects. Its about feeling encouraged through every phase of the educational process, not only about accomplishing homework. At Turito academy, their method revolves mostly on developing this close relationship. By spending time to individually know every student, tutors create a safe, motivating environment where studying seems more like a collaboration than a chore. And then is when actual advancement takes place. The way much one-onone tutoring benefits a students confidence is among its best features. Students might easily compare themselves to others in group settings, and occasionally they feel inadequate. In a personal session, though, the emphasis is just on their path; none of anyone elses is. Every little victory is appreciated and noted. Whether its learning a difficult idea or at last cracking a challenging task, these little successes build up to give pupils a real sense of accomplishment. It raises self-esteem in a manner that big group environments sometimes cannot. In one-on- one instruction, mistakes also seem a lot less frightening. Students accept mistakes as part of the process rather than stressing what others might think. They are free to attempt, fall short, and grow without regard to humiliation. At Turito college admission program , teachers appreciate the value of this positive reinforcement. They interact directly with every student to ensure that every, minor or major, improvement is acknowledged and supported. Students begin to believe in themselves over time, not only improve in terms of academics. And that kind of inspiration stays much beyond the classroom. Group sessions have their place even if one-on-one tutoring benefits are unmatched. Group learning can help kids develop teamwork, ideas, and cooperation all vital for success in the real world. For addressing wide introductions to new disciplines or covering general themes, group sessions are typically excellent. Personalized 1-on-1 attention is the best, though, when it comes to honing certain talents, filling in knowledge gaps, or getting ready for competitive tests. Turito and other platforms recognize this balance and provide choices to enable students to select what best matches their learning style and objectives. Although group sessions have certain advantages for social development and broad exposure, nothing compares to the force of individualized one-on-one tutoring benefits in terms of actual academic advancement. Students who get individual attention learn smarter, mature faster, and develop enduring confidence rather than only do better. The student is always first at Turito. Turito guides students toward their best by means of tailored learning strategies, close mentoring, and ongoing support. Personalized tutoring makes all the difference whether a student wants to simply develop better study habits, be ready for tests, or master a subject. Making the correct decision now could mean a lifetime of improved learning just ahead. And with appropriate help, students are leading rather than merely staying up. Teachers give students their whole attention, so they can listen to and use more English than in a group environment. By bringing books, songs, or stories from local newspapers to class, students also help more often and feel part of the learning process. One-on-one tutoring is the arrangement whereby a student receives customized attention and targeted education from a tutor. This method lets the teacher concentrate just on the particular demands, learning style, and pace of the learner. Home tuition is the preferable choice if priorities are tailored attention, flexible schedule, and targeted learning. Conversely, if group motivation and competitive preparation count, coaching sessions are best. Do you consider yourself a lover of arithmetic, equations and statistics? Or maybe geometry and algebra are more your jam?If you think you could make Pythagoras proud, we have calculated that its probable that you would really enjoy our maths quiz.The possibilities with maths are literally infinite. Whether you are trying to remember Pi to the one hundredth decimal place or your times tables, maths can provide us with endless questions and answers. We have decided to test you on only a fraction of the possible topics, with 50 maths quiz questions and answers. Think multiplications, divisions, shapes, averages and square roots; we have a wonderful range of trivia to warm up your mathematical mind.And we havent limited you to sums and equations either. This quiz gives you some real-life problems and solutions, so fingers crossed you know how to calculate percentages and ratios.Remember, its all about the numbers!Maths Quiz Questions and AnswersQuestionsWhat symbol is used to symbolise percentage?What is the sum of 18 9?How many sides does a pentagon have?What is the sum of 7 x 7?What is the sum of 100 50?What is one half written as a fraction?If the time is 12pm, how many hours is it until 6pm?I have a 300ml cup of coffee. If I drink one third of the cup, how much coffee in millilitres do I have left?How many metres are in a kilometre?What is the sum of 6 x 12?3,6,9,12,__? What is the next number in the sequence?If I pay 2.14 for a bag of rice and then sell it on for 3, how much profit have I made?What is the sum of the interior angles in a square?If I have a bag of 5 yellow balls and 5 green balls, what is the probability (in %) of picking a yellow ball?What is the sum of 21 7?10 > 5. True or false?What is the sum of 90 79?If a rectangle has a length of 8 meters and a width of 3 meters, what is its area?How many degrees is a right angle?What is the sum of 8 x 20?How many faces does a cube have? Four pupils take a test. One pupil scores 20 marks, the second scores 50 marks, the third scores 60 marks and the fourth scores 70 marks. What is the average score of the pupils?What is half of one half?What is the square root of 4?What is the sum of 121 11?The perimeter of a shape is defined as the total length of its boundary. True or false? Determine the median of the following numbers: 2, 4, 5, 7, 9.If a centimetre equates to roughly 0.4 inches, how many inches is 10cm?If there are 6 oranges and 4 lemons in a bowl, how can the ratio of oranges to lemons be most simply expressed?What is the sum of 13 x 14?How many sides does a dodecahedron have?If a pizza has a diameter of 12 inches, what is its radius?What is the sum of 19 21?If the time is 2:53pm, how many minutes is it until 4:17pm?What is the sum of 888 11?2, 3, 5, 7 and 8 are all prime numbers. True or false?What is the square root of 1?An obtuse angle is a type of angle that is always larger than 90 but less than 180. True or false?If the date is February 28th 2023, how many days is it until April 4th 2023?What is the sum of 15 x 15?How many seconds are there in 5 minutes?Four cubed can also be written as 43 . True or false?What is the sum of 3 x 3 x 3?What does the acronym BIDMAS stand for in maths?What is the sum of 162 3?What was the nationality of the creator of the Rubiks Cube?Is an 80 angle considered an acute angle? Yes or no.What is the sum of (92) 10?What theorem is used to find the length of an unknown side and the angle of a triangle?What is Pi to five decimal places?Answers%954921/26200ml1000721586p36050%3True1124 square meters901606501/4 or 0.25211True54 inches3:2182126 inches-284 minutes111False, 8 is not a prime number.1True35225300True27Brackets, Indices, Division, Multiplication, Addition, Subtraction54HungarianYes8Pythagoras3.14159Did you enjoy these maths quiz questions and answers? If so, weve got a plethora of other quizzes you might like to challenge yourself with.Other science quizzes: Animal quiz questions and answers Biology quiz questions and answersYou may also like:General knowledgequiz questions and answers Musicquiz questions and answers Moviequiz questions and answers TVquiz questions and answers Sportquiz questions and answers Historyquiz questions and answers Geographyquiz questions and answers Capital citiesquiz questions and answers Foodand drinkquiz questions and answers True or falsequiz questions and answers Friendsquiz questions and answers The Simpsonsquiz questions and answers Harry Potterquiz questions and answers Star Warsquiz questions and answers Know your rhombus from your rectangle? Your decimals from your decagons? Then youve landed in exactly the right place; our epic guide to mathematics trivia, with 100 of the most challenging (and sometimes chuckle-inducing) maths quiz questions and answers. So gather around your binomial-loving boffins, and get your friends, family and even colleagues together for ten rounds of cool calculus, awesome arithmetic and all-round maths-inspired fun! Get those calculators ready in 3, 2, 1. Now generally maths is all about a challenge, a formula for success that is usually a little tricky to solve. But, to kick off your quiz night, lets start with some simple maths questions, to get the trivia class in session! 1. What is the total of all the internal angles of a triangle? 2. What name is given to a triangle which has two sides of exactly the same length? 3. You have ten grey socks and ten blue socks you want to put into pairs. All socks are exactly the same except for their colour.If you are in the dark and so cant see, how many socks would you need to take out to ensure you have at least a pair? 4. What does 6 to the power 0 equal? 5. What is the name given to an angle that measures less than 90 degree? 6. True or false? A concave shape curves outwards. 7. What is the name given to a straight line touching a circle? 8. What name is given to the following sequence: 0, 1, 1, 2, 3, 5, 8, 13, 21, 34, 55? 9. What is the next number in the series; 1, 4, 9, 16, 25, ? 10. What is the highest common factor of 30 and 132? Why not try next: 100 easy general knowledge quiz questions and answers Easy Maths Quiz Answers 180IsosceslesThree1AcuteFALSEA tangentThe Fibonacci sequence36 (squares of numbers)6 Did you know? The Fibonacci sequence appears regularly appears in nature, such as branching in trees, the arrangement of leaves on a stem, the fruitlets of a pineapple, the flowering of artichoke, an uncurling fern and arrangement of a pinecone, and the family tree of honeybees. How awesome is that!! How did you (and your participants) do in that first round? Easy peasy? Well, lets change the pace in this second round, with ten more difficult math quiz head-scratchers: 1. What is the value of Pi to four decimal places? 2. How many vertices are there on a cube? 3. What is the prime number closest to 100? 4. What is the sum of the internal angles of a hexagon? 5. Which number is represented in binary as 100? 6. What was the year 1982 as a Roman Numeral? 7. What is the value of e? 8. If one angle is 60, what is the size of its alternate angle? 9. What is the next number in the series; 256, 289, 324, 361,? 10. What is the number zero in Roman numerals? Keen to try other sciences? Do our ultimate science trivia quiz next! More Difficult Maths Quiz Answers 3.141681017204MCMLXXXIIApproximately 2.71860400 (squares of numbers from 16 onwards)There isnt one. Useless fact! The billionth digit of Pi is 9. Now beyond angles and addition are interesting maths problems; those that youre as likely to find in high school textbooks as in this epic quiz. So, lets get those thinking caps on, with some fun (albeit more complicated) challenging questions! 1. Three people all tell lies one third of the time. There is a coin flip that they all see, and all say is heads. Whats the probability it is actually heads? 2. A man is four times as old as his son. In ten years, the man will be three times as old as his son. What is the mans current age? 3. Using only addition, how do you add eight 8s to get the number 1000? 4. With which three digit number is the second digit four times as large as the third and the first digit three less than the second? 5. The three volumes of Lord of the Rings sit in order on a shelf. Each is 1 1/4 inches thick, with an inch of pages and 1/8 inch for each cover. A bookworm munches from page 1 of the first volume through to the last page of the third volume. How far does it travel? 6. Which 3 numbers have the same answer whether theyre added or multiplied together? 7. At a party everyone shook hands with everyone else. In total, there were 66 handshakes. How many people were at the party? 8. What are the only regular polygons that tessellate? 9. There are two ways of obtaining the number 100 using 4 sevens and a single one (and whatever mathematical symbol you want. One is 177-77 = 100. What is the other? (And no -77+177 doesnt count). 10. A hen and a half lays an egg and a half in a day and a half. How many eggs does one hen lay in a single day? Fun and Challenging Maths Quiz Answers 8/980888 + 88 + 8 + 8 + 8 = 10001411 1/2 inches (page one of the first book is on the right, next to the middle book)1, 2 and 312Triangles, squares, and hexagons.(7+7) x (7 + (1/7)) = 1002/3 of an egg Done with maths and science? Load up our epic biology quiz! Now here is a round for the kids (or the big kids at heart). Not out of place in a dad joke, weve pulled together ten math quiz questions that are of the more humorous bent 1. Why was six scared of seven? 2. An English catamaran, named one two three, raced a French catamaran, named Un deux trois across the channel. Which won? 3. Why did the (x+2) tree fall over? 4. What does the little mermaid wear on her top? 5. What did zero say to eight? 6. Why do mathematicians not need to sunbathe? 7. Why do mathematicians always get a cab home from a party? 8. What do you call a teapot of boiling water at the summit of Mount Everest? 9. What is a math teachers favourite kind of tree? 10. Why did the mathematician spill all of his food in the oven? Recommended Reading: Our ultimate fun quiz questions and answers Funny Maths Quiz Answers Because seven ate nineThe English boat, because Un deux trois cat sank.Because it had no real rootAn alge-braNice beltBecause they can divide sine and cosine to get tanBecause you cant drink and deriveA high-pot-in-useA geometryThe instructions said, Put it in the oven at 180. Bonus Maths Joke!! Jesus was delivering a sermon The path to the Lord lies at y=x4x+2y=x2-4x+6. A passer-by leans whispers to a disciple What is he talking about? The disciple answers dont worry, its just one of his parabolas. Are you a master of multiplication? Can you do strenuous sums in your head? Youll feel right at home in this round, the halfway point in this quiz about maths, which is all about doing the numbers. By the way, if you like, you can let your contestants use a calculator; if it provides any luck at all that is! 1. What is the volume of a cube that has sides of 7cm? 2. What is the next number in the series: 4, 15, 48, 147, ? 3. What is 13? 4. What is the thirteenth prime number? 5. What is the only number that is twice the sum of its digits? 6. How many hours are there in a year (to the nearest hour)? 7. As Alice in Wonderland found out, in a room of how many people is the probability that two have the same birthday more than a half? 8. What is one twelfth as a decimal? 9. How many squares are there on a chess board? 10. Pallindromically, what is 111111111 x 111111111? Mental Arithmetic Quiz Answers 343cm444. Multiply by three and add three.16941188760230.083204. 64 x (11), 49 x (22), 36 x (33), 25 x (44), 16 x (55), 9 x (66), 4 x (77), 1 x (88)12345678987654321 Read next: Food and Drinks Trivia Its a quiz of two halves and, for this second stint, its time to have some fun with formulas! Tickle your contestants trigonometry knowledge (and more), with these ten mathematical quiz questions all related to formulas: 1. What is the formula for a circumference of a circle? 2. What is the area of a triangle? 3. Pythagoras theorem gives a formula for the length of the hypotenuse of a (right angled) triangle based on the lengths of the other sides? The length of the hypotenuse = ..what? 4. What is the surface area of a sphere? 5. In the quadratic formula, x= what? 6. What is the formula for the volume of a cone (or pyramid)? 7. In Newtons second law of motion, Force equals what? 8. What is the formula for the volume of a sphere? 9. According to Einsteins theory of relativity, what does c equal? 10. What is the volume of a cylinder? Enjoyed the human body questions? Add more rounds with this Medical Trivia Quiz! Formula based Maths Quiz Answers 2r (r is the radius)(base x height)/2(a+b)4rx = (b (b2 4ac)}/ 2av = 1/3(b x h)F = ma. Force = mass x acceleration.v = 4/3 (r)c = (E/m). [E=mc]v = rh Now the title of this round might be a bit misleading this aint Good Will Hunting or A Beautiful Mind. Instead, for each of the following ten maths questions, were looking to create a maths pun in the film title. So, for instance, Five high school friends spend more time trying to lose their virginity than think about the approximation 22/7 would be American Pi. Get it? Like American Pie, but with a punny maths twist. Go on, give it a try 1. Lindsay Lohan and Rachel McAdams feature in a female high school drama which is bang average. 2. Often regarded as one of the greatest films ever made, this movie follows Joe Gillis as he struggles with his screen writing and trigonometry, ultimately ending with his death. 3. Well, nobodys [a] perfect [number] 4. Indiana Jones in a thrilling adventure about the geometry of a circle. 5. Rapunzels hair takes on the shape of a quadrilateral. 6. Dev Patel wins a lot of money and then spends his time adding and subtracting it. 7. Richard Gere is a young man with a bad attitude who signs up for Navy Aviation Officer Candidate School and it seems the story goes on a tangent when he meets a girl in a local town. 8. Glen Close minus Michael Douglas is a rather obsessed woman in this 1987 thriller. 9. A 1989 Best Film Oscar winner where Jessica Tandy crashing her car leads to a relationship with her chauffer Morgan Freeman, where she discovers things from her existing knowledge. 10. A 2002 Arnie film, where he seeks to avenge his sons and wifes deaths within a two-dimensional shape with four straight sides. Recommended Quiz: 100 easy movie trivia questions and answers Maths in Film Quiz Answers Mean GirlsSine-set BoulevardSum Like it HotRadius of the lost Arc(Rec)TangledS(l)umdog MillionaireAn Officer and a Tangent-lemanFatal SubtractionDeriving Miss DaisyQuadrilateral Damage In keeping with the film round, lets keep it a little obscure. In this round, well give you what looks like a few bog standard questions, with the answers to the questions including a mathematical term. 1. What is the French for fish? 2. What links Yahoo! (costing $400 million in the .com edition), Mario (Nintendo edition), and the Imperial Palace (Star Wars edition)? 3. What is the fifth book in the Harry Potter Series? 4. What Freudian term means unconsciously attributing things to do with yourself onto others? 5. What links Alex Murphy, Verbal Kint and Bruce Banner? 6. In what film does Lindsay Lohan embark upon her first day of High School aged 16 after living for twelve years in Africa? 7. What is the last word of first line of the song Hallelujah, Ive heard there was a secret.? 8. What is twice the ABV? 9. Prosopagnosia is a socially impacting neurological condition that means a person cant recognise someones what? 10. What is fed to babies who dont breast feed? Whats the Maths Term Quiz Answers Poisson[The most expensive] Property [in special Monopoly editions][The] Order [of the Phoenix]ProjectionTransformation (into Robocop, Keyser Sze, and The Hulk, respectively)