

3 21 the bigger quadrilateral puzzle answers schildore

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3 21 the Bigger Quadrilateral Puzzle: Answers Unraveled

Question 1: What is the perimeter of the shaded quadrilateral?

Answer: $3 + 2 + 1 + 21 = 27$ units

Question 2: What is the area of the unshaded quadrilateral?

Answer: $10 \times 3 = 30$ square units

Question 3: What is the perimeter of the triangular portion that extends beyond the quadrilateral?

Answer: $3 + 7 = 10$ units

Question 4: What is the area of the trapezoidal portion that extends beyond the quadrilateral?

Answer: $(3 + 21) \times 3 / 2 = 36$ square units

Question 5: What is the area of the quadrilateral in the center that is separated by the diagonal?

Answer: $2 \times 3 = 6$ square units

What is the role of social media in e learning? Better Communication Better and clear communication plays a crucial role in the betterment of the online education system. Social media networks are offering streamlined communication between

instructors and learners. Almost all social media channels provide messaging space and audio or video call options.

How social media is effective in learning? Social media provides many opportunities for learners to publish their work globally, bringing many benefits to teaching and learning. The publication of students' work online has led to a more positive attitude towards learning and increased achievement and motivation.

How does social media motivate online learning? The nature of social media also enables informal learning. Often, the content shared on these platforms is interest-based and user-generated, making learning more engaging and relatable. The digital nature of these platforms allows for multi-media content sharing – audio, visual, text, even interactive quizzes.

What media is used in e learning? What is multimedia in eLearning? Multimedia learning involves using the aid of technology to deliver a blend of text, static images, animation, video and audio. Some examples of common types of media used for learning are slide decks, recorded videos, infographics and podcasts.

What are 5 advantages of social media in teaching and learning? Here are some key benefits: Accessibility to Educational Resources: Social media platforms provide a vast repository of educational content, including articles, videos, and tutorials, making it easier for students and educators in India to access diverse learning materials.

How social media influence learning? Access to Information and Educational Resources: Social media platforms provide students with a wealth of educational content. It enables them to access information, news, and resources relevant to their studies. Online communities and forums can foster collaborative learning and knowledge sharing.

What are the positive and negative influences of social media on education? Social media significantly impacts education by providing students with valuable resources, fostering communication, and teaching digital skills. However, it also presents challenges such as potential distractions, mental health concerns, and time management issues.

How social media is used to engage students in learning? Benefits of social media in the classroom: Many students may find it easier to participate in online discussions than in the classroom. Students can easily ask each other or their teacher questions about assignments outside of class. Students and teachers can quickly share helpful resources at any time.

Which social media is best for education? Facebook brings in powerful features such as groups and live videos. Instagram serves as the perfect visual aid due to its heavy reliance on images and videos. YouTube is the perfect space to share long-form educational content. TikTok can be home to short, fun videos that educate effortlessly.

How social media influence students learning and promote positive change? Social media encourages creativity For students, this can mean using social media to share their work with others, connect with other learners, or get feedback on their work too. This can help students learn in new and innovative ways and it can also help them develop their skills as writers, artists, and thinkers.

What are the five educational media?

How media is used for educational purposes? Media can be a powerful way to enhance student learning. Instead of always relying on lectures, you can use print, audio, and visual media, such as books, videos, audio, television, CDs, DVDs, or short films, to hold your students' attention and help them retain information.

What are eLearning advantages and disadvantages? There are advantages of online learning like accessibility, low cost, and convenience. However, online classes also have disadvantages such as lack of human interaction, plagiarism issues, and a disconnect with the instructor.

How does social media help your learning? Benefits of social media in the classroom: Many students may find it easier to participate in online discussions than in the classroom. Students can easily ask each other or their teacher questions about assignments outside of class. Students and teachers can quickly share helpful resources at any time.

What is the role of social media in teaching learning process? Using social media, students can participate in active rather than passive learning. By writing comments on other people's articles, seeing live streaming, or completing quizzes, students may connect with the material and different knowledgeable people.

How can social network be helpful in e learning? The main advantage of using social media in online learning is that they greatly facilitate communication and collaboration among learners. With platforms that allow file sharing, chatting, video conferencing, and more, there is no distance big enough to keep a group of peers from working together on a project.

What is the role of electronic social media? Social media are used to document memories, learn, and form friendships. They may be used to promote people, companies, products, and ideas. Social media can be used to consume, publish, or share news.

Which is the hardest CompTIA exam? The CompTIA Security+ exam is often considered one of the more difficult CompTIA exams. It focuses on cybersecurity and requires a solid understanding of both networking and security protocols. This certification is highly valued in the industry, especially for roles in cybersecurity and information security.

Can a beginner take CompTIA A+? Get Prepared for Certification with CompTIA Tech Whichever route you choose to get ready for the exam, if you're a beginner in IT, the CompTIA A+ certification is a smart choice. It will give you the foundation you need to get your first position and set you up for long-term success.

Can I learn CompTIA A+ by myself? Self-Paced Learning: The most common way to prepare for your CompTIA A+ exam is self-paced study, such as through CompTIA CertMaster products or the CompTIA Official Study Guide for CompTIA A+. The books are available in print and electronic versions, and you can decide how quickly you want to progress.

Are CompTIA certifications worth anything? Enhanced Employability: Holding a CompTIA A+ certification can improve your job prospects, especially for entry-level IT positions. Employers often recognize and value the certification when hiring.

Career Advancement: CompTIA A+ can serve as a stepping stone for higher-level IT roles and specializations.

How many people pass CompTIA A+ first try? CompTIA doesn't publish pass rates, but others have reported them around 70% to 80%. Candidates who complete the proper preparation and study will be well-positioned to pass the CompTIA A+ exams.

What is the failure rate for CompTIA? Therefore, you should not assume that if you answer 80% of the questions correctly, you'll receive a passing grade. While CompTIA does not release official statistics, it is estimated that first-time test takers who did not attend a training course have a failure rate above 50%.

How much does the CompTIA exam cost?

Can you get CompTIA A+ for free? Free CompTIA A+ training and certification aren't commonly available. Exam fees are usually hard to bypass, as they directly cover essential costs like exam development, administration, and the testing center itself.

Can I get a job with CompTIA A+ alone? Companies like Intel, Dell, Ricoh, Nissan, Blue Cross and Blue Shield and HP all look for the CompTIA A+ certification when hiring for jobs like IT support specialist, IT field service technician, desktop support analyst and help desk tier 2 support.

Can I take CompTIA at home? You may take a CompTIA Certification Exam either online or in-person. Online testing offers you the ease and convenience to test for your certification from any quiet, distraction-free and secure location at anytime.

Can I do CompTIA with no experience? Don't panic: No experience, no problem. No college degree, not a problem either. A large portion of IT professionals do not have a four-year or even two-year degree. There are many branches of IT, but IT support is often the first step for entry-level professionals.

Is IT better to take CompTIA exam online or in-person? Choose online testing if you want: A secure and easy way to test from home, a closed-door office or any place that has a private area available to you. The flexibility to schedule your exam at any hour convenient to you. Technical support if something goes wrong during

your exam session.

Do employers care about CompTIA A+? Those with certifications like CompTIA are at a competitive advantage during the hiring process. Many employers will do a basic search of resumes to make sure the word “CompTIA” is included, possibly weeding out the resumes that do not have this keyword.

What certs pay the most? 1. What certificates make the most money? Certificates in fields like Information Technology, finance, and project management tend to be the most lucrative. Examples include AWS Certified Solutions Architect, Certified Information Systems Security Professional (CISSP), and Project Management Professional (PMP).

Is the CompTIA A+ an open book exam? CompTIA A+ is an open-book examination. How much are performance-based questions worth on CompTIA A+?

Which is harder, A+ Core 1 or 2? Both exams are comparable in difficulty. If you're strong in hardware and networking, you might find Core 1 easier; Core 2 might be a breeze in software and operating systems. Can I take CompTIA A+ Core 2 before Core 1? Yes, you may schedule the Core 2 exam before Core 1.

What is the easiest CompTIA exam? The CompTIA IT Fundamentals (ITF+) certification is for absolute beginners. It is unique in that it confirms your status as an educated end user. You might wonder, why would someone pursue a pre-professional certification like CompTIA ITF+? Most people can use computers to complete basic tasks.

What's harder, A+ or Security+? It may seem odd that Security+ is the easier of the two exams. While it may be easier to pass than either individual A+ Core exams, A+ requires you to take two exams, unlike Security+. Not only this, but we're assuming if you're taking A+, you have little to no experience in IT.

Which CompTIA exam is best? The CompTIA A+ certification is highly regarded by employers in the IT industry and is often a prerequisite for entry-level IT roles such as help desk technician, technical support specialist, and desktop support technician.

What is a 5 speed manual transaxle? It has 5 gears that can be selected, not counting the reverse gear. But since it's manual, you have to use a clutch yourself to

let the gears you're switching between match speeds to transition smoothly, unlike automatics that would do the clutch maneuvering for you.

What year did the 5 speed manual transmission come out? The five-speed manual transmission was initially available in the 1950s in some European makes but didn't see its heyday until the 1970s when it was equipped on everything.

What is the difference between 4 speed and 5 speed manual transmission?

The 4-speed revs higher RPM at cruising speed than would a 5-speed. It's roughly about 800-1,000 RPM difference at say, 75 MPH between the 2 transmissions. That's the good thing about the 5-speed and the bad thing about the 4 speed. The 4-speed on a 75 Z has a bigger gear (on 1st 3.

What is the difference between a 5 speed manual and a 6 speed manual?

The main difference between a five speed and six speed transmission is how they handle overdrive. On the highway where it's reasonable to drive at speeds around 65 miles per hour, overdrive gears help save fuel. The engine doesn't need to work as hard to maintain speed. That extra sixth gear is even more efficient.

How fast can you go in a 5-speed manual transmission? Top speed is limited to 65 mph (105 km/h). Use "4L" for climbing or descending steep hills, off-road driving, and hard pulling in sand, mud or deep snow.

Is a 5-speed manual transmission a stick shift?

Manual transmission. Vehicles with a manual or standard transmission are typically called stick shifts. The driver uses a stick shift to manually change the gears as they accelerate and decelerate their vehicle. Located on the center console, the shift lever is connected to the transmission by a linkage.

How many gears does a 5-speed manual have?

All manual transmission cars come equipped with 5 or 6 forward gears plus 1 reverse gear. It is upto the driver if the car to use the appropriate gear aa per the speed of the car for optimum performance and mileage of the car. All 5 gears are required to drive a car smoothly, since the car cannot be moved in any gear.

Did Chevy make a 6-speed manual?

Are there 6-speed manual transmissions? Instruction on shifting Eaton's 5- and 6-speed manual transmissions for medium-duty commercial vehicles. Instruction on shifting Eaton's 5- and 6-speed manual transmissions for medium-duty commercial vehicles.

When should you shift in a 5 speed manual? As a rough rule (remember every manual transmission is different), shift to second gear at 10-15 MPH, to third gear at 15-20, to fourth gear around 30 and to fifth gear about 40. If you have a sixth gear, shift to it around 55-60 and only if you expect to be at that speed for a while.

What is a 10 speed manual transmission? A 10-speed is two 5-speeds, one on top of the other. • The shift pattern is an M. • Splitter Down: 1st-5th and Low Reverse.

Is a 6 speed manual faster than an automatic? It's a common myth that manual cars are faster than automatic ones, but that isn't the case. High-speed vehicles are available in both transmission types, and the transmission isn't the most important factor in determining top speed.

Is 7-speed manual a thing? And ZF's 7-speed manual transmission (7MT) contributes to this success: It was designed based on the 7-speed dual clutch transmission (7DT) - which is also manufactured for Porsche - and offers excellent shifting comfort and sportive shifting forces.

Is 5-speed manual hard to learn? While it takes some practice to learn how to drive a manual car smoothly, it's not much more difficult than driving an automatic — once you get the hang of it. The sign that you've mastered how to drive a manual car is that you do it instinctively, and you no longer need to think about the steps or what gear to use.

Is a 5-speed faster than a 6-speed? Because higher gears mean you can travel at faster speeds with a lower RPM, having a 6th speed allows your car to run at a high speed with an even lower RPM than that of the 5th gear.

How long does a 5 speed transmission last? With proper maintenance, transmissions can last up to 300,000 miles or more. This includes changing the fluid in your transmission system and regular checkups. However, when you don't keep

up with routine maintenance, your transmission might have problems at the 100,000-mile mark or even sooner.

How do you drive a 5 speed manual truck? Typically first gear will be left and up, second gear will be left and down, third gear will be centered and up, fourth gear will be centered and down, fifth gear will be right and up, and reverse will be right and down. Pushing the stick shift into the center will put the truck in neutral.

Which car has 10 gears? The Ford–GM 10-speed automatic transmission is part of a joint venture between Ford Motor Company and General Motors to design and engineer two transmissions: a longitudinal 10-speed transmission and a transverse 9-speed trans-axle.

Why is manual better than automatic? A stick-shift driver, with skill and practice, can reduce how much gas their car burns. Typically, manual transmissions have a 3-4 miles-per-gallon advantage over their automatic rivals. Easier to Maintain – With fewer moving parts, a stick shift has the advantage of being easy to maintain.

At what rpm should you shift gears? Under normal driving conditions, this means changing up if the rev counter reaches between 2500-3000rpm. Under hard acceleration, you will change up a gear when you feel the acceleration drop away, which is usually above 6000rpm in a petrol-powered engine, but less if it's diesel-powered.

How to downshift in a manual?

What is the difference between a manual transmission and a manual transaxle? Transmissions are also only found in rear-wheel-drive cars. On front-wheel-drive cars, you find a transaxle. The transaxle serves the purpose of the transmission but also adopts the job of the differential, which is an entirely separate component on rear-wheel-drive vehicles.

What is the purpose of manual transaxle? Basically, a manual transmission is a gear box that enables the driver to choose between different gear ratios to drive the car. Lower gear ratios offer more torque, but less speed, while higher gear ratios offer less torque, but higher speed.

Is a transaxle the same as a transmission? A transaxle is a single unit that combines the transmission, axle, and differential. It's a smaller version of a transmission, found primarily in FWD vehicles with automatic transmissions. Most vehicles with a transaxle have a transverse engine layout.

How many gears does a 5-speed manual have? All manual transmission cars come equipped with 5 or 6 forward gears plus 1 reverse gear. It is upto the driver if the car to use the appropriate gear aa per the speed of the car for optimum performance and mileage of the car. All 5 gears are required to drive a car smoothly, since the car cannot be moved in any gear.

What are three typical symptoms of manual transaxle problems?

What are the three major types of manual transmissions?

Can a transaxle be fixed? The correct fix for a bad transaxle depends on exactly what the problem is, and which internal parts are affected. Your bad transaxle could require anything from minor repairs to a major rebuild, or even a replacement if the damage is unusually severe.

What are the two 2 main shafts in a manual transaxle? In terms of construction, manual transmissions contain two shafts; a primary shaft that is split into two parts/sections that can rotate independently of each other, and a secondary shaft that is made up of a series of fixed gears of various diameters.

What are the cons of a transaxle?

What are the two shafts called in a manual transaxle? In a transmission for transverse engined vehicles (e.g., front-wheel-drive cars), there are usually only two shafts: input and countershaft (sometimes called input and output).

What is the strongest transaxle transmission? Albins Sequential is the strongest, smoothest shifting transaxle available for off road vehicles.

What vehicle commonly uses a transaxle? A Transaxle is a transmission (gearbox) and differential combined as used in most front wheel drive vehicles. On a front wheel drive vehicle, the Transaxle and engine are combined. The transaxle acts

as a gearbox and differential.

What are the advantages of a transaxle transmission? In front-engine cars, transaxles can help balance the weight by placing the transmission at the rear, as seen in the Chevrolet Corvette. The Corvette, particularly in its latest iterations, uses a front-engine, rear-transaxle layout to achieve a more balanced weight distribution, enhancing its performance and handling.

What does OD off mean? The o/d signifies the top gear or gears in a car's transmission. The o/d off button allows you to prevent an automatic message from shifting into those top gears in certain situations, such as when driving through rough hills, going down steep terrain, and hauling a heavy load or trailer.

When should you shift in a 5-speed manual? As a rough rule (remember every manual transmission is different), shift to second gear at 10-15 MPH, to third gear at 15-20, to fourth gear around 30 and to fifth gear about 40. If you have a sixth gear, shift to it around 55-60 and only if you expect to be at that speed for a while.

What is the fastest gear in a manual?

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