

CHAPTER 15 SECTION 2 GUIDED READING

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When did Greek communists launch a guerrilla war against the Greek government? Greek Civil War, (December 1944–January 1945 and 1946–49), two-stage conflict during which Greek communists unsuccessfully tried to gain control of Greece.

What was significant about the presidential election of 1936 chapter 15 section 2? -1936, Democrats win presidency, large majority in both houses. -First times most African Americans vote Democratic. -First time labor unions support presidential candidate.

Where did the conflicts of the Cold War emerge besides Europe? Conflicts connected to the Cold War, such as wars in Korea and Vietnam, proved devastating to military forces on both sides. These conflicts also disrupted the balance of power in several regions across the globe, the ramifications of which continues to influence military and national security policies to this day.

How did the US keep representatives of Communist China out of the United Nations? The Americans isolated the PRC and backed Taiwan as the legitimate government of China, refusing to allow the PRC a seat in the United Nations (UN). The Korean War (1950-1953) pitted the two countries against each other again after China intervened in the conflict to support North Korea.

When did Greece stop being communist?

How many Greeks died in the Civil War? Death squads on both sides murdered thousands of civilians, however, and many more died from brutality, disease, and

starvation. Some 158,000 Greeks may have died altogether as a result of the civil war.

Why was the 1936 election so important? Roosevelt's 523 electoral votes marked the first of only three times in American history when a presidential candidate received over 500 electoral votes in a presidential election (the others being in 1972 and 1984) and made Roosevelt the only Democratic president to accomplish this feat.

What was wrong with the 1936 Literary Digest poll conducted during the presidential campaign quizlet? So, the sample was biased toward the relatively well-off, whose majority is associated with the Republican party. (Landon was a Republican nominee). As a consequence, the conclusion of the poll (which predicted a Landon victory) was incorrect.

Who was president of the USA in 1936? Franklin D. Roosevelt | The White House.

Why did communism fail in the Soviet Union? Gorbachev's decision to allow elections with a multi-party system and create a presidency for the Soviet Union began a slow process of democratization that eventually destabilized Communist control and contributed to the collapse of the Soviet Union.

Was the Soviet Union actually communist? As a one-party state governed by the Communist Party of the Soviet Union, it was a flagship communist state. Its capital and largest city was Moscow. Motto: ?????????? ???? ?????, ??????????????! "Workers of the world, unite!"

Does Cold War still exist? In late 1991 the Soviet Union collapsed and 15 newly independent nations were born from its corpse, including a Russia with a democratically elected, anticommunist leader. The Cold War had come to an end. Britannica, The Editors of Encyclopaedia. "Cold War".

Why did the US and Russia become enemies? The 2 sides were enemies long before they were allies in WWII. Relations had been bad since 1917 as Russia had become communist and the West had interfered to try and stop it. Russia had also not been allowed to join the League of Nations in the 1920s and things had got worse in the 1930s.

Who was the United States trying to stop from uniting the countries under communism? North Vietnam wanted to unite the country under communism and the US intervened to try and prevent this from happening. The war was long, deadly and became increasingly unpopular.

Why did the US and China become enemies? After the end of World War II and the resumption of the civil war, the US tried and failed to negotiate a settlement between the Nationalists and Communists, with the latter eventually achieving victory, driving the Nationalist government into exile on Taiwan, and proclaiming the establishment of the People's Republic ...

What happened in 1917 in Greece? In June 1917 the entente allies ousted King Constantine and installed Venizélos as prime minister of a formally united but bitterly divided Greece.

When did Greek warfare start?

When did the Greek revolt start? The Greek War of Independence, also known as the Greek Revolution or the Greek Revolution of 1821, was a successful war of independence by Greek revolutionaries against the Ottoman Empire between 1821 and 1829.

When did the Greek dictatorship start? The Greek junta or Regime of the Colonels was a right-wing military junta that ruled Greece from 1967 to 1974. On 21 April 1967, a group of colonels overthrew the caretaker government a month before scheduled elections which Georgios Papandreou's Centre Union was favoured to win.

What is the role of the government in the United States economy? Governments provide the legal and social framework, maintain competition, provide public goods and services, redistribute income, correct for externalities, and stabilize the economy.

What is a public good the role of government in the economy? A public good is a commodity or service that every member of a society can use without reducing its availability to all others. Typically, a public good is provided by a government and funded through taxes. Examples of a public good include a town road, park, or

school. National defense is a public good.

What is the public sector in economics? public sector, portion of the economy composed of all levels of government and government-controlled enterprises. It does not include private companies, voluntary organizations, and households.

What is the purpose of the public economics? Public economics is the study of government policy through the lens of economic efficiency and equity. At its most basic level, public economics provides a framework for thinking about whether or not the government should participate in economics markets and to what extent its role should be.

What are the four roles of government in the United States economy? There is an economic role for government to play in a market economy whenever the benefits of a government policy outweigh its costs. Governments often provide for national defense, address environmental concerns, define and protect property rights, and attempt to make markets more competitive.

What are the three major roles that government plays in our economy? Governments keep private companies out by owning and operating certain companies, such as the military. Modern economists believe that government has three fiscal functions: Allocation Function, Distribution Function and Stabilisation Function.

Who controls the US economy? The U.S. central banking system—the Federal Reserve, or the Fed—is the most powerful economic institution in the United States, and perhaps the world. Its core responsibilities include setting interest rates, managing the money supply, and regulating financial markets.

What is the most influential role of government spending on the US economy? According to Keynesian economics, increased government spending raises aggregate demand and increases consumption, which leads to increased production and faster recovery from recessions.

What does public good have to do with the economy? In economics, a public good (also referred to as a social good or collective good) is a good that is both non-excludable and non-rivalrous. Use by one person neither prevents access by other

people, nor does it reduce availability to others. Therefore, the good can be used simultaneously by more than one person.

What is the public sector of the United States? Public sector means that you work for the government of the United States, a state, the District of Columbia, a territory or possession of the United States, a city, a municipality, a township, a county, a parish, or a similar government.

What is an example of public economics? Some examples of public goods in economics include: Defense via law enforcement or the military. Public parks and green spaces. Utilities and infrastructure such as roads, sidewalks, water/sewer.

What is economic development in the public sector? In the economics study of the public sector, economic and social development is the process by which the economic well-being and quality of life of a nation, region, local community, or an individual are improved according to targeted goals and objectives.

What are the principles of public economics? The positive and normative theory of public goods becomes much more complex, and merit wants are evaluated from an individualistic perspective. Theories of public expenditure, public revenues and the interrelation between various levels of government are also analysed.

What is a public benefit in economics? Many countries use the term “public benefit” to describe an activity that benefits the public at large or some significant subset of the general public. The term appears in nonprofit legislation and guidance in dozens of countries.

What is the role of economics in public policy? Economists have always played an important role in major public policy debates, in areas as diverse as the rationale for free trade, the financing of wars, the design of Social Security, the introduction of Medicare and Medicaid, the reform of welfare and other anti-poverty programs, minimum wage legislation, student ...

What is the role of government in the US economy? The government (1) provides the legal and social framework within which the economy operates, (2) maintains competition in the marketplace, (3) provides public goods and services, (4) redistributes income, (5) corrects for externalities, and (6) takes certain actions to

stabilize the economy.

Who is in charge of the US economy? The Treasury Department is the executive agency responsible for promoting economic prosperity and ensuring the financial security of the United States.

Who controls the economy in capitalism? Capitalism is often thought of as an economic system in which private actors own and control property in accord with their interests, and demand and supply freely set prices in markets in a way that can serve the best interests of society.

What is the primary role of government? A government is responsible for creating and enforcing the rules of a society, defense, foreign affairs, the economy, and public services.

What are the examples of government involvement in the economy? Governments play a substantial role in the financial world. They can issue currency, change interest rates, and issue bailouts. In addition, governments impose regulations, subsidies, and taxes. All of these measures can have immediate and long-lasting impacts on companies, industries, and markets at large.

What government controls most aspects of the economy? Command Economy – A command economy is an economy in which the government controls all economic activity and transactions. A country with a communist government is an example of a command economy. Market Economy – A market economy is free of all government control.

What is the role of the state government in the United States? Police departments, libraries, and schools—not to mention driver's licenses and parking tickets—usually fall under the oversight of State and local governments. Each state has its own written constitution, and these documents are often far more elaborate than their Federal counterpart.

What is the role of the government in a market economy quizlet? Taking money, usually through taxes, from people who have it and giving it to people who need it. The government may interfere with the economic cycle in order to prevent an economic crisis. The government passes laws and enforces regulations to protect

them.

What is the most influential role of government spending on the US economy?

According to Keynesian economics, increased government spending raises aggregate demand and increases consumption, which leads to increased production and faster recovery from recessions.

What role does the government play in a traditional economy? Traditional economics advocates for a laissez-faire approach, meaning that the government should not interfere in the market and should allow it to function freely.

**Solution for Applied Mathematics of Business Economics and Social Science
by Frank S. Budnick**

Question 1: What is the purpose of Budnick's "Solution for Applied Mathematics"?

Answer: Budnick's solution manual provides step-by-step solutions to the exercises and problems found in his textbook, "Applied Mathematics of Business Economics and Social Science." It aims to guide students through the complex mathematical concepts and applications covered in the textbook.

Question 2: What topics does the solution manual cover?

Answer: The solution manual covers a wide range of topics, including:

- Linear equations and matrices
- Differential calculus
- Integral calculus
- Probability and statistics
- Applications in business and economics

Question 3: What are the benefits of using the solution manual?

Answer: Using the solution manual offers several benefits:

- It provides clear and detailed explanations of the solutions.

- It helps students identify errors and misunderstandings.
- It enhances understanding of the mathematical concepts.
- It saves time and effort in solving problems independently.

Question 4: Who should use the solution manual?

Answer: The solution manual is primarily designed for students enrolled in courses using Budnick's textbook. It can also be useful for:

- Instructors who want to verify their solutions or provide additional support to students.
- Tutors or mentors who assist students with their mathematical work.
- Anyone interested in self-study or review of the covered topics.

Question 5: Where can I find the solution manual?

Answer: The solution manual is typically available for purchase through online retailers or the publisher of Budnick's textbook. It is important to ensure that you are purchasing the correct edition that corresponds to the version of the textbook you are using.

How does aerodynamic drag affect fuel consumption? Studies have shown that even a modest reduction in aerodynamic drag can yield substantial fuel savings. For example, a 10% reduction in drag coefficient can reduce fuel consumption by around 5% to 7%. Similarly, a 20% reduction in drag coefficient can lead to fuel consumption reductions of approximately 10% to 14%.

How can you reduce aerodynamic drag? One of the most effective ways to reduce pressure drag is to streamline your shape, that is, to make it as smooth and continuous as possible. Streamlining reduces the separation of the fluid flow around the object, which reduces the pressure difference and the wake behind it.

What is the reduction of aerodynamic drag force for reducing fuel consumption in road vehicle using basebleed? basebleed at the front side In the meantime, the suction of air at the front side creates low-pressure zone which also supports to reduce the overall drag force acting on the car. The maximum rate of reduction in drag coefficient achieved was 6.188% by installing basebleed at the

proposed location in the car model.

What are the methods for reducing aerodynamic drag in vehicles and thus acquiring fuel economy? Therefore, reducing the size of the separation zone, which is the area behind the car containing the vortices behind the car, is one of the predominant methods of decreasing aerodynamic drag. This can be done by slightly tapering the rear end of a car to reduce the size of the separation zone.

Why do car manufacturers reduce drag? Reducing the drag coefficient in an automobile improves the performance of the vehicle as it pertains to speed and fuel efficiency. There are many different ways to reduce the drag of a vehicle. A common way to measure the drag of the vehicle is through the drag area.

Does drag impact how much fuel an aircraft uses? Drag Reduction. Reducing the lift-to-drag ratio of an aircraft can make it more aerodynamically efficient and help reduce the aircraft's weight and fuel use.

Which method will help in reducing air drag? By polishing or using ball bearings and lubricants, we can decrease friction between two solid surfaces. However, to decrease air drag, we can use streamlined objects which can easily move through air without much resistance. (a) using ball bearings between the two surfaces.

What is the power to overcome aerodynamic drag? Aerodynamic drag is proportional to the square of velocity, and hence the power needed to overcome drag is proportional to the cube of velocity. This means that there is a very strong relationship between the speed that a vehicle is travelling and the proportion of the fuel used to overcome drag.

How do I reduce drag in my car?

What device lowers aerodynamic drag on a vehicle? The most effective were a front air dam (11.1%) and a rear roof spoiler (5-9%). The rear roof spoiler reduced drag by preventing flow reattachment on the rear roof which came at the cost of added rear soiling. Less effective devices included turning vanes at the A-pillars to help guide the flow around the pillar (3%).

Which driving techniques reduce fuel consumption?

What are the benefits of reducing drag? These include increased fuel efficiency, better cooling, improved engine compartment packaging and lower production costs. During the early stages of vehicle development it is common practice to wind tunnel test a prototype vehicle, rework the surfaces and components with the purpose of lowering the.

How to decrease aerodynamic drag? A vehicle with less frontal surface area will have lower drag. A vehicle with a rounded or stream-lined shape will also have lower aerodynamic drag since air flow separation will be less dramatic (i.e. reduced wake).

What are three driving techniques for minimizing fuel consumption? what are 3 driving techniques for minimizing fuel consumption? -parking: you pull through a spot, so you can just drive through when you leave. -route planning: plan it so you don't have any unnecessary driving. -carpooling: saves you on gas and it lowers the amount of cars on the road.

What is the most effective way to reduce the drag coefficient? You can control the coefficient of drag by adjusting the shape of the transition cone. The term streamlining is used to describe adjusting the shape of an object, for example your transition cone, to reduce pressure and friction caused by air flow.

What is the most drag efficient car?

Does lowering a car reduce drag? Less Air Drag Lowered vehicles are more aerodynamic.

How do race cars reduce drag? As the years passed, different tactics to reduce air resistance have been introduced such as adjusting the height of the car (how far it sits above the track), adding a splitter, re-shaping of the front end and re-shaping the sides of the car.

How to reduce aircraft fuel consumption?

Does aerodynamic drag reduce fuel economy? Aerodynamic drag is different, increasing in proportion to the square of the speed. This means that at freeway speeds the frictional drag is no longer the main gas guzzler – aerodynamic drag will

now account for more half of the fuel you're using, or even more.

How do fighter jets reduce drag? The design of the wings, the fuselage, and even the positioning of the engines are meticulously calculated to optimize airflow and reduce drag. This optimization ensures that the jet can achieve the necessary lift to take off within the available runway lengths, especially under fully loaded conditions.

What are examples of reducing drag? Streamlined shapes help reduce drag by allowing fluid to flow more smoothly around the object. Examples include the design of racing cars and the body position of ski jumpers.

Does spoiler reduce drag? A spoiler is a device that alters the airflow around the vehicle, usually at the rear end. It creates a region of low pressure behind the vehicle, which reduces the pressure drag caused by the separation of the airflow.

Which of the following solutions could reduce the drag of an aircraft? One of the ways to reduce induced drag is to increase the aspect ratio of the wing. This means designing the wing with a longer span and a narrower chord.

How can air drag be reduced?

What counteracts the drag force for flight? Thrust and lift are artificially created forces used to overcome the forces of nature and enable an airplane to fly. Airplane engine and propeller combination is designed to produce thrust to overcome drag.

What is the main cause of aerodynamic drag? Air loads: the aerodynamic forces, lift and drag, caused by the dynamic pressure of the airstream, and they are the result of pressures acting on the surface of a wing due to the movement of the airplane through the air at some speed.

How does aerodynamic drag affect speed? Aerodynamic drag is the force of the air acting to slow down a body moving through it. The faster you go, the more air you have to push out of your way, and the more it pushes you backwards. The more “streamlined” it is, and the smaller it is, the lower the drag.

How much does aerodynamics affect a racing car driving? When a racing car or road vehicle burns fuel to accelerate, drag force pulls it from back to reduce the speed and hence the fuel efficiency is adversely affected. About 50 to 60% of total

fuel energy is lost only to overcome this adverse aerodynamic force.

How does aerodynamics affect a CO2 dragster? This air resistance pushes against your CO2 car and prevents it from going as fast as it could in a vacuum. This is drag. You'll never be rid of drag completely; however, you can reduce it by designing a more aerodynamic car, but sometimes that is easier said than done.

How does air resistance affect fuel consumption? However, because the fuel consumption depends on the velocity squared, air resistance becomes much more important at higher speeds. At 100 km/h, the fuel consumption will be FOUR times higher, or 0.064 L/km. This is much closer to 0.076 L/km.

Does flying slower reduce drag? To a point, as the aircraft slows down, the drag force will also decrease.

What is the main cause of aerodynamic drag? Air loads: the aerodynamic forces, lift and drag, caused by the dynamic pressure of the airstream, and they are the result of pressures acting on the surface of a wing due to the movement of the airplane through the air at some speed.

Does flying higher reduce drag? Flying higher where the air is thinner will raise the speed at which minimum drag occurs, and so permits a faster voyage for the same amount of fuel.

How to reduce aerodynamic drag on a car?

Does aerodynamic drag reduce fuel economy? Aerodynamic drag is different, increasing in proportion to the square of the speed. This means that at freeway speeds the frictional drag is no longer the main gas guzzler – aerodynamic drag will now account for more half of the fuel you're using, or even more.

Does having windows down increase drag? The added drag from the open windows at high speeds decreased aerodynamic efficiency more than the load from the AC. However, at lower speeds, the results might differ. Rolling down the windows may not cause as much drag, and the AC's load on the engine could have a more pronounced effect on gas usage.

How to reduce drag on a dragster? The dragster has many parts to create friction — where the wheels contact the track, the axles contact the dragster body, and the wheel hubs contact the dragster. To reduce the amount of friction, make sure your wheels and tires aren't rubbing against the car body and the axles are free to rotate.

How to improve aerodynamics on a dragster?

How to make a dragster go faster? Simply put, the less weight your dragster has, the faster it will go. This is the most important factor that will figure into your design. Keep it light!

At what speed does aerodynamics matter on a car? At about 40 mph aero starts to dominate the force needed to move the car over the rolling resistance, but the force at 40 isn't very high compared to the available power of any vehicle engine. As a result, the sweet spot for fuel consumption is usually a higher speed than 40.

Does more air mean more fuel consumption? The large amount of air increases the potentiality of fuel chemical elements to be burned with oxygen. As a result, the engine performance and fuel economy are increased while the unburned exhaust emissions components are reduced.

Does friction help increase gas mileage? Friction does not help increase gas mileage, so the statement is false. Friction is a force that opposes motion and it plays a role in reducing the efficiency of a system. In the case of a car, friction between the tires and the road, as well as air resistance, leads to a loss of energy and reduces the gas mileage.

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