

**1<sup>st</sup> SEMESTER EXAMINATION, 2022 – 23**  
**First Year, B. Tech. – Common to All Branch**  
**BASIC ELECTRONICS ENGINEERING**

Duration: 3:00 hrs

Max Marks: 100

*Note: - Attempt all questions. All Questions carry equal marks. In case of any ambiguity or missing data, the same may be assumed and state the assumption made in the answer.*

Q 1.	<p>Answer any four parts of the following.</p> <p>a) Describe the difference between <math>n</math>-type and <math>p</math>-type semiconductor materials. Define an intrinsic material, a negative temperature coefficient, and covalent bonding.</p> <p>b) Compare P-N junction diode and zener diode on the basis of:          (i) Symbol (ii) Direction of conduction (iii) Reverse breakdown (iv) Application (v) Resistance in reverse biased condition</p> <p>c) What is an LED? Explain its working principle. Write the advantages, and application of LED.</p> <p>d) Draw VI characteristics of PN junction diode and explain it.</p> <p>e) Determine the dc resistance levels for the diode of Fig. 1 at          (i) <math>I_D = 2</math> mA (low level)          (ii) <math>I_D = 20</math> mA (high level)          (iii) <math>V_D = -10</math> V (reverse-biased)</p> <p>f) For the series diode configuration of Fig. 2, determine <math>V_D</math>, <math>V_R</math>, and <math>I_D</math>.</p>	5x4=20
	<p style="text-align: center;">Fig. 1</p>	
	<p style="text-align: center;">Fig. 2</p>	

# Basic Electronics Engineering 1sem

**M Tight**



**Basic Electronics Engineering 1sem :**

## The Enigmatic Realm of **Basic Electronics Engineering 1sem** : Unleashing the Language is Inner Magic

In a fast-paced digital era where connections and knowledge intertwine, the enigmatic realm of language reveals its inherent magic. Its capacity to stir emotions, ignite contemplation, and catalyze profound transformations is nothing short of extraordinary. Within the captivating pages of **Basic Electronics Engineering 1sem** a literary masterpiece penned by a renowned author, readers attempt a transformative journey, unlocking the secrets and untapped potential embedded within each word. In this evaluation, we shall explore the book's core themes, assess its distinct writing style, and delve into its lasting impact on the hearts and minds of people who partake in its reading experience.

<https://socketapi.adit.com/results/scholarship/default.aspx/chapter%2015%20personality%20study%20guide%20full%20online.pdf>

### **Table of Contents Basic Electronics Engineering 1sem**

1. Understanding the eBook Basic Electronics Engineering 1sem
  - The Rise of Digital Reading Basic Electronics Engineering 1sem
  - Advantages of eBooks Over Traditional Books
2. Identifying Basic Electronics Engineering 1sem
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Basic Electronics Engineering 1sem
  - User-Friendly Interface
4. Exploring eBook Recommendations from Basic Electronics Engineering 1sem
  - Personalized Recommendations
  - Basic Electronics Engineering 1sem User Reviews and Ratings

- Basic Electronics Engineering 1sem and Bestseller Lists
- 5. Accessing Basic Electronics Engineering 1sem Free and Paid eBooks
  - Basic Electronics Engineering 1sem Public Domain eBooks
  - Basic Electronics Engineering 1sem eBook Subscription Services
  - Basic Electronics Engineering 1sem Budget-Friendly Options
- 6. Navigating Basic Electronics Engineering 1sem eBook Formats
  - ePub, PDF, MOBI, and More
  - Basic Electronics Engineering 1sem Compatibility with Devices
  - Basic Electronics Engineering 1sem Enhanced eBook Features
- 7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Basic Electronics Engineering 1sem
  - Highlighting and Note-Taking Basic Electronics Engineering 1sem
  - Interactive Elements Basic Electronics Engineering 1sem
- 8. Staying Engaged with Basic Electronics Engineering 1sem
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Basic Electronics Engineering 1sem
- 9. Balancing eBooks and Physical Books Basic Electronics Engineering 1sem
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Basic Electronics Engineering 1sem
- 10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
- 11. Cultivating a Reading Routine Basic Electronics Engineering 1sem
  - Setting Reading Goals Basic Electronics Engineering 1sem
  - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Basic Electronics Engineering 1sem
  - Fact-Checking eBook Content of Basic Electronics Engineering 1sem
  - Distinguishing Credible Sources

13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development
  - Exploring Educational eBooks
14. Embracing eBook Trends
  - Integration of Multimedia Elements
  - Interactive and Gamified eBooks

### **Basic Electronics Engineering 1sem Introduction**

In today's digital age, the availability of Basic Electronics Engineering 1sem books and manuals for download has revolutionized the way we access information. Gone are the days of physically flipping through pages and carrying heavy textbooks or manuals. With just a few clicks, we can now access a wealth of knowledge from the comfort of our own homes or on the go. This article will explore the advantages of Basic Electronics Engineering 1sem books and manuals for download, along with some popular platforms that offer these resources. One of the significant advantages of Basic Electronics Engineering 1sem books and manuals for download is the cost-saving aspect. Traditional books and manuals can be costly, especially if you need to purchase several of them for educational or professional purposes. By accessing Basic Electronics Engineering 1sem versions, you eliminate the need to spend money on physical copies. This not only saves you money but also reduces the environmental impact associated with book production and transportation. Furthermore, Basic Electronics Engineering 1sem books and manuals for download are incredibly convenient. With just a computer or smartphone and an internet connection, you can access a vast library of resources on any subject imaginable. Whether you're a student looking for textbooks, a professional seeking industry-specific manuals, or someone interested in self-improvement, these digital resources provide an efficient and accessible means of acquiring knowledge. Moreover, PDF books and manuals offer a range of benefits compared to other digital formats. PDF files are designed to retain their formatting regardless of the device used to open them. This ensures that the content appears exactly as intended by the author, with no loss of formatting or missing graphics. Additionally, PDF files can be easily annotated, bookmarked, and searched for specific terms, making them highly practical for studying or referencing. When it comes to accessing Basic Electronics Engineering 1sem books and manuals, several platforms offer an extensive collection of resources. One such platform is Project Gutenberg, a nonprofit organization that provides over 60,000 free eBooks. These books are primarily in the public domain, meaning they can be freely distributed and downloaded. Project Gutenberg offers a wide range of classic literature, making it an excellent resource for literature enthusiasts. Another popular platform for Basic Electronics Engineering 1sem books and manuals is Open Library. Open Library is an initiative of the Internet Archive, a non-profit organization dedicated to digitizing cultural artifacts and

making them accessible to the public. Open Library hosts millions of books, including both public domain works and contemporary titles. It also allows users to borrow digital copies of certain books for a limited period, similar to a library lending system. Additionally, many universities and educational institutions have their own digital libraries that provide free access to PDF books and manuals. These libraries often offer academic texts, research papers, and technical manuals, making them invaluable resources for students and researchers. Some notable examples include MIT OpenCourseWare, which offers free access to course materials from the Massachusetts Institute of Technology, and the Digital Public Library of America, which provides a vast collection of digitized books and historical documents. In conclusion, Basic Electronics Engineering 1sem books and manuals for download have transformed the way we access information. They provide a cost-effective and convenient means of acquiring knowledge, offering the ability to access a vast library of resources at our fingertips. With platforms like Project Gutenberg, Open Library, and various digital libraries offered by educational institutions, we have access to an ever-expanding collection of books and manuals. Whether for educational, professional, or personal purposes, these digital resources serve as valuable tools for continuous learning and self-improvement. So why not take advantage of the vast world of Basic Electronics Engineering 1sem books and manuals for download and embark on your journey of knowledge?

### **FAQs About Basic Electronics Engineering 1sem Books**

How do I know which eBook platform is the best for me? Finding the best eBook platform depends on your reading preferences and device compatibility. Research different platforms, read user reviews, and explore their features before making a choice. Are free eBooks of good quality? Yes, many reputable platforms offer high-quality free eBooks, including classics and public domain works. However, make sure to verify the source to ensure the eBook credibility. Can I read eBooks without an eReader? Absolutely! Most eBook platforms offer web-based readers or mobile apps that allow you to read eBooks on your computer, tablet, or smartphone. How do I avoid digital eye strain while reading eBooks? To prevent digital eye strain, take regular breaks, adjust the font size and background color, and ensure proper lighting while reading eBooks. What the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, quizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Basic Electronics Engineering 1sem is one of the best book in our library for free trial. We provide copy of Basic Electronics Engineering 1sem in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Basic Electronics Engineering 1sem . Where to download Basic Electronics Engineering 1sem online for free? Are you looking for Basic Electronics Engineering 1sem PDF? This is definitely going to save you time and cash in something you should think about.

**Find Basic Electronics Engineering 1sem :**

**chapter 15 personality study guide full online**

[cat 277c skid steer service manual](#)

[cdl general knowledge study guide](#)

**chapter 11 introduction to genetics answers**

[ccnp routing and switching route 300 101 quick reference](#)

[century 21 accounting 10e multicolumn journal](#)

[cessna citation 550 maintenance training manual](#)

[celica st202 wiring diagram](#)

**ccna wireless 200 355 official cert guide cisco**

[certified business process associate cbpa](#)

[cat gp15 gp18 gp20 gp25 gp30 gp35 lift truck service manual](#)

**chapter 11 review gases section 1 answers**

[catholicism christ and the common destiny of man](#)

[caterpillar d399 parts manual](#)

[catalogul timbrelor postale romanesti vol i ii iii](#)

**Basic Electronics Engineering 1sem :**

[expert card technique close up table magic dover magic](#) - May 29 2023

web buy expert card technique close up table magic first edition by hugard jean isbn 9780486217550 from amazon s book store everyday low prices and free delivery on

**book review expert card technique close up table magic** - Jun 17 2022

web mar 10 2016 j mp 1uhczmq

[expert card technique close up table magic by jean hugard](#) - Oct 22 2022

web amazon in buy expert card technique dover magic books book online at best prices in india on amazon in read expert card technique dover magic books book

**expert card technique close up table magic archive org** - Oct 02 2023

web an illustration of a horizontal line over an up pointing arrow upload an illustration of a person s head and chest expert card technique close up table magic by hugard

*download pdf expert card technique close up table - Sep 20 2022*

web mar 20 2012 book review expert card technique close up table magic authors jeam hugard and frederick braue published dover publication new york 1974

*expert card technique close up table magic - Feb 23 2023*

web usually ready in 24 hours view store information table of contents is so extensive including lifts deals flips the pass palming false shuffles false cuts changes crimps

*expert card technique close up table magic hugard braue - Nov 22 2022*

web soft cover condition very good hugard jean and frederick braue expert card technique close up table magic with 318 illustrations by donna allen new york

**See2 expert card technique close up table magic pdf pdf - Feb 11 2022**

web read download pdf expert card technique close up table magic free update the latest version with high quality try now

**expert card technique close up table magic youtube - Mar 15 2022**

web expert card technique close up table magic by jean hugard and frederick braue faber and faber limited 24 russell square london 1st

*pdf download expert card technique close up table magic - Apr 15 2022*

web self publishing login to yumpu news login to yumpu publishing

**expert card technique close up table magic pdf - Sep 01 2023**

web mar 4 2021 expert card technique close up table magic free pdf download jean hugard 336 pages year 1974 read online pdf room

**expert card technique close up table magic - Jun 29 2023**

web definitive work on card technique everything from basic manipulations to advanced flourishes also a wide variety of tricks 318 illustrations read more isbn 13 978 0

**the expert at the card table abebooks - Aug 20 2022**

web amazon in buy expert card technique close up table magic book online at best prices in india on amazon in read expert card technique close up table magic

**expert card technique dover magic books kindle edition - Jan 25 2023**

web read jean hugard s book expert card technique close up table magic published on 1974 06 01 by dover publications humor entertainment puzzles games if you

expert card technique cl yumpu - Jan 13 2022

**expert card technique dover magic books kindle edition** - Dec 24 2022

web pdf download expert card technique close up table magic dover magic books ebook read online link read download and more info

[expert card technique close up table magic pdf z library](#) - Nov 10 2021

**expert card technique close up table magic** - Apr 27 2023

web apr 30 2012 in every case the aim is simplicity of technique for the purpose of mystifying an audience not technique for the sake of technique an unsurpassed collection of

[expert card technique dover magic books kindle edition](#) - Mar 27 2023

web in every case the aim is simplicity of technique for the purpose of mystifying an audience not technique for the sake of technique an unsurpassed collection of methods and

**expert card technique close up table magic dover magic books** - Jul 31 2023

web expert card technique close up table magic dover magic books dover publications 2012 jean hugard frederick braue definitive work on card technique everything

[expert card technique dover magic books amazon in](#) - Jul 19 2022

web attention your epaper is waiting for publication by publishing your document the content will be optimally indexed by google via ai and sorted into the right category for over 500

*expert card technique close up table magic pdf free* - Dec 12 2021

**expert card technique close up table magic amazon in** - May 17 2022

web everyone could download and read the book of expert card technique close up table magic composed by jean hugard it is presented with some downloading and install

*permission letter for house construction pdf prof* - May 01 2022

web apr 24 2020 letter of authorization to obtain a building permit subject letter of authorization to obtain a building permit located at address tmk 2 zone section untitled irwm and instructions issued by railway board vide following letters should be the permission for construction of building on

[sample letter of intent for building permit fill out sign online](#) - Aug 04 2022

web edit sample letter of intent for building permit easily add and highlight text insert pictures checkmarks and symbols drop new fillable fields and rearrange or delete pages from your document get the sample letter of intent for building permit completed

[sample request letter for office renovation permission](#) - Jun 14 2023

web we are giving you sample templates to get permission for an office renovation format of permission letter from boss employer ceo to renovate the office up to modern standards get rid of the old pattern and design that makes departments look like they were last renovated ten years back

[letter request for construction permit walkerglass com](#) - Jan 29 2022

web view letters meant as applicable to request letter to ask for example of the permit extension is open an associated with applicable codes if for construction standards request letter should have a creekside this letter to renovate your letters

sample letter for please proceed to permit fee schedule of permitting services as the

[authorization letter for house renovation download letter sample](#) - Jul 03 2022

web day to renovation company name subject authorization available house renovation dear name this letter is to authorise my tenant tenant s name residing at my objekt locates at location the the building to get my home renovated in which he she is

**sample letter of approval for renovation of a building** - Mar 11 2023

web sample letter of approval for renovation of a building approval letters to vendors guide letter example grammar checker 8000 letter samples

**authorization letter for house renovation download letter** - Apr 12 2023

web mar 8 2022 this letter is written by the tenant to a landlord to seek his permission to renovate the house the tenant resides in the house that is in the ownership of the other person according to law only the owner of the house has the authority to renovate the house or repair it

**permission letter for renovation work sample letter requesting** - Aug 16 2023

web jan 5 2021 date date subject seeking permission for renovation sir madam i am name of the tenant living at your property for last duration months years i am writing this letter in order to seek your kind permission for renovation of the house flat studio i am living at

[22 permission letters how to write templates and samples](#) - Jan 09 2023

web a permission request letter asks the recipient for the legal right to take a specific action a permission consent letter clearly states that the responsible party like a parent guardian inventor creator or owner is okay with this proposal and grants the request consent is not automatic the responsible party doesn t have to say yes

**permission letter for renovation work sample letter youtube** - Dec 08 2022

web feb 16 2021 72 share save 16k views 2 years ago lettersinenglish request letter for permission for renovation renovation permission sample letter in this video you will find sample request

*how to write a permission letter to society for renovation work* - Oct 06 2022

web aug 30 2022 a sample letter to society secretary for permission of renovation has already been mentioned in the answer by mr bhanu so i will share a sample letter stating to the society management that renovation work is in progress in a flat please see the example letter below

letter for renovation for permit address to building admin sample - Jun 02 2022

web sample letter for request of permit to renovation work good letter format to request present bank manager who has sanctioned loan to give noc for taking loan from other business partner company i have already applied educational loan now it is time for getting the third installment of the loan bank manager ask me to write a letter

**renovation permission letter template writolay** - Jul 15 2023

web oct 13 2020 this letter is in request to my renovation of my flat lastly i would like to say kindly accept my letter and grant my permission for the renovation of my flat this will be a great help to me and to my family

sample letter of intent for permit to construct faceitsalon.com - Feb 27 2022

web may 5 2023 examples of sample letter of intent for permit to construct requesting permit for a residential house dear sir madam i am writing this letter to request a permit to construct a residential house in location the proposed house will be a insert details and will be built on a insert size lot

**sample request letter for office renovation permission** - Nov 07 2022

web sample request letter for office renovation permission sample request letter for tools and equipment for factory sample request letter upgrade internet connection sample letter of request for land allocation sample letter of request for study sponsorship sample letter of requesting medical equipment sample letter

**request letter for repair and maintenance format example** - Sep 05 2022

web sample request letter for repair and maintenance 14 august 2020 killian jones neverland estate 123 garden avenue wilmington nc 34123 re maintenance request for house nvl 56 i am the current occupant of house nvl 56 i have been renting this home for 3 years since may 2017

**i need sample letter of store renovation permit ask me fast** - Mar 31 2022

web from your name and address to name and address dear sir madam house no so and so at so and so with reference to the captioned house i would like to undertake the following renovations give a numbered list of proposed renovations the total cost for the same works out to rs and i am prepared to bear the same

**sample request letter for office renovation permission** - Feb 10 2023

web sample email request letter for position renovation dear dear the renovation work is our office has been pending for a long time the agency environment also does non look sophisticated as per magnitude office and company standards the

request writing nations the the remodel budget for the cfpb s

**letter of permission for construction samples templates** - May 13 2023

web subject line letter of permission for house construction dear landlord i am a resident of your apartment building and i have been living here happily for the past five years i am writing this letter to ask for your permission to perform some

**permission letter for renovation letters in english** - Dec 28 2021

web jan 5 2021 permission letter for renovation work sample letter requesting permission for renovation january 5 2021 to name address date date subject seeking permission for renovation sir madam i am name of the tenant living at your property for last

results for go math grade 4 chapter 3 test tpt - Sep 02 2022

web includes answer key this test is very similar to the test you will find in the math book for 4th grade chapter 3 these practice tests according to some of my buyers have really helped ease test anxiety

*results for go math grade 4 answer key tpt* - May 30 2022

web if you use the go math series by houghton mifflin or need a time saving assessment take a look at these sweet tests this is an assessment created for chapter four subtraction strategies in houghton mifflin s go math series for

go math primary school grade 4 answer key pdf for all - Aug 13 2023

web may 11 2022 by sachin go math answer key for grade 4 clearing all math exams can be tough for students who are pursuing 4th grade but with go math grade 4 answer key it can be easy because this solutions key is prepared by our highly experienced subject experts after ample research and easy to understand the concepts too

*go math grade 4 chapter 11 answer key pdf angles* - Feb 07 2023

web sep 14 2023 go math grade 4 chapter 11 answer key pdf students who are looking for quick learning with basic fundamentals can download go math grade 4 answer key chapter 11 angles pdf for free there are different types of questions with detailed and simple explanations here

mathpractice101 answer keys grade 4 - Mar 28 2022

web grade 4 hmh go math answer keys year published 2015 description florida common core standard practice homework grade 4 homework practice fl year published 2017 description fl common core standard practice homework grade 4 homework fl answer keys year published 2017 description fl common core standard practice

**results for go math grade 4 answers tpt** - Nov 04 2022

web joanna riley grade series measurement benchmarks can be used as a quiz formative assessment review extra help or homework 4 md a 1 know relative sizes of measurement units within one system of units including km m

**4th grade math khan academy** - Feb 24 2022

web 4th grade math khan academy 4th grade 14 units 154 skills unit 1 place value unit 2 addition subtraction and estimation unit 3 multiply by 1 digit numbers unit 4 multiply by 2 digit numbers unit 5 division unit 6 factors multiples and patterns unit 7 equivalent fractions and comparing fractions

**go math grade 4 answer key chapter 7 add and subtract** - Apr 28 2022

web mar 22 2023 make use of these pdf formatted chapter 7 go math hmh 4th grade answer key for free and learn the topics efficiently download the go math grade 4 answer key chapter 7 add and subtract fractions pdf from here and get the step wise answers to all the questions

**go math answer key for grade k 1 2 3 4 5 6 7 and 8** - Sep 14 2023

web go math answer key hmh go math answer key for grade k 1 2 3 4 5 6 7 and 8 are provided helps students to have learning targets and achieve success at chapter and lesson level and makes learning visible

**download go math answer key for grades k 8 hmh go math solution key** - Jan 06 2023

web may 10 2022 go math grade 4 answer key go math grade 5 answer key go math grade 6 answer key go math grade 7 answer key go math grade 8 answer key characteristics of go math answer key for grades k to 8 go through the below listed features of referring to the hmh go math answer key for grades k to 8 they are

**go math grade 4 answers teaching resources teachers pay teachers** - Oct 03 2022

web what s includedincluded in this pack are 14 worksheets on all the lessons in the fourth grade go math book for chapter 4 a midchapter checkpoint practice sheet and an end of the chapter checkpoint practice sheet these can be used as a quiz formative assessment homework or just extra practice answer keys are included for each worksheet

**go math grade 4 chapter 1 answer key pdf place value** - Jul 12 2023

web sep 13 2023 go math grade 4 chapter 1 answer key pdf contains 4th standard go math solutions which help the students to score well in the exams this go math grade 4 answer key chapter 1 place value addition and subtraction to one million will make students understand the concepts easily

go math grade 4 answer key chapter 13 algebra perimeter and - Mar 08 2023

web dec 11 2020 we wish you all have satisfied with the solutions exists in the go math grade 4 answer key chapter 13 algebra perimeter and area for better practice sessions refer to the questions given at the end of the chapter and solve them properly with the help of topic wise chapter 13 go math 4th grade answer key

*go math grade 4 practice book review september 2023* - Aug 01 2022

web jan 25 2023 go math grade 4 is a comprehensive resource at an affordable price each chapter booklet contains questions answers and a solution key the answer key is organized by chapter and includes a resource book for teachers in addition to providing the solutions to each problem the go math 4th grade answer key is an effective tool for

*go math grade 4 chapter 2 answer key pdf multiply by 1 digit numbers* - May 10 2023

web sep 13 2023 go math grade 4 chapter 2 answer key pdf contains 4th standard go math solutions which help the students to score well in the exams this go math grade 4 answer key chapter 2 multiply by 1 digit numbers will make students understand the concepts easily

**go math 4 common core answers resources lumos learning** - Apr 09 2023

web go math 4 common core grade 4 workbook answers help online grade 4 title go math 4 common core publisher houghton mifflin harcourt isbn 054758783x

**go math grade 4 answer key chapter 11 angles ccss answers** - Dec 05 2022

web mar 24 2023 so that you can allot time accordingly fill up the knowledge gaps using the 4th grade hmh go math homework practice fl answer key ch 11 angles with regular practice you can secure more marks in your exam go math grade 4 answer key chapter 11 angles go math grade 4 answer key chapter 11 includes all standard topics of

**go math grade 4 answer key pdf free download chapterwise 4th** - Oct 15 2023

web aug 16 2023 1 how do i use the 4th standard go math answer key to help me teach math you can use the grade 4 go math answer key to teach maths by practicing from them solve numerous questions before the exam and score well in the exams 2 where can i get grade 4 go math answer key pdf you can get go math 4th grade

*go math grade 4 chapter 3 answer key pdf multiply 2 digit* - Jun 11 2023

web sep 13 2023 hmh go math grade 4 chapter 3 multiply 2 digit numbers answer key is the guide for all students who want to achieve their top grades easily students can learn the easy methods to solve problems using hmh go math grade 4 answer key all the problems are solved per the student s understanding level and provided every answer

results for go math 4th grade tests bundle all chapters - Jun 30 2022

web it includes all of the following individual products 4th grade go math mid chapter quiz chapter 6 4th grade go math mid chapter quiz chapter 7 4th grade go math mid chapter quiz chapter 8 4th grade go math mid chapter quiz chapter 9 i created a supplementary quiz to compliment each chapter of the go math 4th grade curriculum