

Boiler Calculations

Q. What is equivalent evaporation?

Ans. It is the quantity of water evaporated from and at 100°C to produce dry saturated steam at 100°C by absorbing the same amount of heat as used in the boiler under actual operating conditions.

$$M_{eq} = M_{act} (H - H_{w_1}) / 539$$

where M_{eq} = equivalent evaporation

M_{act} = actual mass of steam generated per unit mass of fuel burnt

H = total specific enthalpy of steam under operating conditions, kcal/kg

H_{w_1} = specific enthalpy of feedwater, kcal/kg

Latent heat of dry, saturated steam at 100°C is 539 kcal/kg.

Q. What is factor of evaporation?

Ans. It is the factor to be multiplied with the quantity of steam generated under working conditions to get the equivalent evaporation.

Equivalent evaporation = Actual evaporation $\times (f)$

$$\text{or } M_{eq} = M_{act} (f)$$

$$\text{or } M_{act} (H - H_{w_1}) / 539 = M_{act} f$$

$$\therefore f = (H - H_{w_1}) / 539$$

Q. What is boiler efficiency?

Ans. It is the ratio of the heat load of the generated steam to the heat supplied by the fuel over the same period.

Heat load of generated steam

$$= G_s (H - H_{w_1}) \text{ kcal/s}$$

where G_s = rate of steam generation, kg/s

Rate of heat supplied by fuel = $G_f \times (CV)_f$ kcal/s

where G_f = rate of fuel burning, kg/s

$$\begin{aligned} \eta_{\text{boiler}} &= \frac{G_s (H - H_{w_1})}{G_f (CV)_f} \\ &= M_{act} (H - H_{w_1}) / (CV)_f \end{aligned}$$

where G_s/G_f = actual evaporation = M_{act}

Q. What is economizer efficiency?

Ans. It is defined as the ratio of the heat absorbed by the BFW in the economizer to the heat supplied by the flue gases in the economizer, the temperature of flue gases being reckoned above the temperature of the air supplied to the boiler

$$\eta_{\text{econ}} = \frac{M_{fl} \Delta \Theta}{M_{fg} C_p (\Theta_f - \Theta_{air})}$$

where $\Delta \Theta$ = rise in BFW temperature in the economizer

M_{fl} = mass of flue gases per unit mass of fuel

C_p = specific heat of flue gases

Θ_f = flue gas temperature at inlet to economizer

Θ_{air} = temperature of air delivered to the boiler

Problem 6.1 A boiler generates 4.5 t of superheated steam (500°C, 90 kgf/cm² abs.) per ton of coal feed.

The BFW temperature = 45°C

What is the equivalent evaporation from and at 100°C per ton of coal?

Solution

STEAM 90 kgf/cm² abs. 500°C

Specific Enthalpy
= 809 kcal/kg

Nboilermaker Mathematics Questions

ML Yell



Nboilermaker Mathematics Questions:

Yeah, reviewing a ebook **Nboilermaker Mathematics Questions** could grow your close associates listings. This is just one of the solutions for you to be successful. As understood, capability does not suggest that you have fantastic points.

Comprehending as competently as conformity even more than new will come up with the money for each success. adjacent to, the proclamation as skillfully as keenness of this Nboilermaker Mathematics Questions can be taken as competently as picked to act.

https://crm.avenza.com/About/publication/Download_PDFS/replaytv%20rtv5040%20dvrs%20owners%20manual.pdf

Table of Contents Nboilermaker Mathematics Questions

1. Understanding the eBook Nboilermaker Mathematics Questions
 - The Rise of Digital Reading Nboilermaker Mathematics Questions
 - Advantages of eBooks Over Traditional Books
2. Identifying Nboilermaker Mathematics Questions
 - 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 Nboilermaker Mathematics Questions
 - User-Friendly Interface
4. Exploring eBook Recommendations from Nboilermaker Mathematics Questions
 - Personalized Recommendations
 - Nboilermaker Mathematics Questions User Reviews and Ratings
 - Nboilermaker Mathematics Questions and Bestseller Lists
5. Accessing Nboilermaker Mathematics Questions Free and Paid eBooks
 - Nboilermaker Mathematics Questions Public Domain eBooks

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

Nboilermaker Mathematics Questions Introduction

In the digital age, access to information has become easier than ever before. The ability to download Nboilermaker Mathematics Questions has revolutionized the way we consume written content. Whether you are a student looking for course material, an avid reader searching for your next favorite book, or a professional seeking research papers, the option to download Nboilermaker Mathematics Questions has opened up a world of possibilities. Downloading Nboilermaker Mathematics Questions provides numerous advantages over physical copies of books and documents. Firstly, it is incredibly convenient. Gone are the days of carrying around heavy textbooks or bulky folders filled with papers. With the click of a button, you can gain immediate access to valuable resources on any device. This convenience allows for efficient studying, researching, and reading on the go. Moreover, the cost-effective nature of downloading Nboilermaker Mathematics Questions has democratized knowledge. Traditional books and academic journals can be expensive, making it difficult for individuals with limited financial resources to access information. By offering free PDF downloads, publishers and authors are enabling a wider audience to benefit from their work. This inclusivity promotes equal opportunities for learning and personal growth. There are numerous websites and platforms where individuals can download Nboilermaker Mathematics Questions. These websites range from academic databases offering research papers and journals to online libraries with an expansive collection of books from various genres. Many authors and publishers also upload their work to specific websites, granting readers access to their content without any charge. These platforms not only provide access to existing literature but also serve as an excellent platform for undiscovered authors to share their work with the world. However, it is essential to be cautious while downloading Nboilermaker Mathematics Questions. Some websites may offer pirated or illegally obtained copies of copyrighted material. Engaging in such activities not only violates copyright laws but also undermines the efforts of authors, publishers, and researchers. To ensure ethical downloading, it is advisable to utilize reputable websites that prioritize the legal distribution of content. When downloading Nboilermaker Mathematics Questions, users should also consider the potential security risks associated with online platforms. Malicious actors may exploit vulnerabilities in unprotected websites to distribute malware or steal personal information. To protect themselves, individuals should ensure their devices have reliable antivirus software installed and validate the legitimacy of the websites they are downloading from. In conclusion, the ability to download Nboilermaker Mathematics Questions has transformed the way we access information. With the convenience, cost-effectiveness, and accessibility it offers, free PDF downloads have become a popular choice for

students, researchers, and book lovers worldwide. However, it is crucial to engage in ethical downloading practices and prioritize personal security when utilizing online platforms. By doing so, individuals can make the most of the vast array of free PDF resources available and embark on a journey of continuous learning and intellectual growth.

FAQs About Nboilermaker Mathematics Questions 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. Nboilermaker Mathematics Questions is one of the best book in our library for free trial. We provide copy of Nboilermaker Mathematics Questions in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Nboilermaker Mathematics Questions. Where to download Nboilermaker Mathematics Questions online for free? Are you looking for Nboilermaker Mathematics Questions PDF? This is definitely going to save you time and cash in something you should think about.

Find Nboilermaker Mathematics Questions :

~~replaytv rtv5040 dvr's owners manual~~

repair manual for polaris sportsman 6x6 500

repair manual yamaha 2mshv

~~repair manual hq~~

~~repair manual for vw fox~~

~~repair manual okidata ml 3320 3321 color printer~~

~~repair master service plan contact~~

repair manual sony mdx 400 mdx 400rds mini disc changer

repair manual on a 02 gmc envoy

~~repair manual for kenmore~~

repair manual vauxhall astra 04 08

repair manual ford aspire

repair manual rexroth

~~repair manual p n 270962~~

repair manual porsche cayenne 2015

Nboilermaker Mathematics Questions :

easy carpentry projects for children dover children s activity - Oct 07 2022

web try dover s hobby books for children youngsters can have a bit of old fashioned fun with codes ciphers and secret writings brain teasers camping and carpentry projects easy cookbooks hand shadows and sign language and card and magic tricks for kids

easy carpentry projects for children dover children s activity - Jun 03 2022

web easy carpentry projects for children dover children s activity books paperback 1986 lowest prices on pricerunner compare prices from 5 stores find the cheapest prices on this easy carpentry projects for children dover children s activity books paperback 1986 on pricerunner

easy carpentry projects for children dover children s activity - Feb 11 2023

web easy carpentry projects for children dover children s activity books kindle edition easy carpentry projects for children dover children s activity books kindle edition by jerome e leavitt author format kindle edition 4 1 1 038 ratings part of dover children s activity books 117 books see all formats and editions all projects

pdf easy carpentry projects for children dover children s - Apr 13 2023

web easy carpentry projects for children dover children s activity books kindle all projects have been pretested for school use and are suitable for youngsters bulletin of national association of secondary school principals what

amazon com customer reviews easy carpentry projects for children - Dec 09 2022

web find helpful customer reviews and review ratings for easy carpentry projects for children dover children s activity books at amazon com read honest and unbiased product reviews from our users

easy carpentry projects for children dover childrens activity - Jul 04 2022

web easy carpentry projects for children dover childrens activity books 3 3 beautiful durable fun furniture projects kids will

love give your child a unique gift of a lifetime labeled kid friendly so your child can safely help you build it developing their skills and confidence these projects will fill every room of your house with

read easy carpentry projects for children dover children - Aug 05 2022

web close try adfree self publishing discover

best easy carpentry projects for children dover children - Nov 08 2022

web easy carpentry projects for children dover children amp 039 s activity books w o r d simo0nevs0n dover children s activity books best easy carpentry projects for children dover children s activity books w o r d copy link in description and paste in new tab to download or read this book

easy carpentry projects for children dover childr ebooks - May 02 2022

web easy carpentry projects for children dover children s activity books download easy carpentry projects for children dover children s activity books ebook pdf audiobook category book

amazon co uk easy carpentry projects for children - Jan 30 2022

web easy carpentry projects for children dover children s activity books by jerome e leavitt 2 jan 2000 1 040 paperback 499 save 5 on any 4 qualifying items free delivery wed 13 sept on your first eligible order to uk or ireland or fastest delivery tomorrow 11 sept more buying choices 0 01 43 used new offers kindle edition 292

easy carpentry projects for children dover children s activity - Apr 01 2022

web this unique woodworking primer teaches boys and girls age 7 and up basic carpentry skills through easy to make projects bird feeder sailboat tie rack flower box and 11 more young carp publication

easy carpentry projects for children dover children s activity - Mar 12 2023

web jun 17 2013 easy carpentry projects for children dover children s activity books kindle edition by leavitt jerome e download it once and read it on your kindle device pc phones or tablets use features like bookmarks note taking and highlighting while reading easy carpentry projects for children dover children s activity books

easy carpentry projects for children dover children s activity - Aug 17 2023

web this unique woodworking primer teaches boys and girls age 7 and up basic carpentry skills through easy to make projects bird feeder sailboat tie rack flower box and 11 more young carpenters will beam with pride at having constructed useful objects to keep or give as gifts over 100 black and white illustrations

buy easy carpentry projects for children dover children s - Jan 10 2023

web jerome edward leavitt easy carpentry projects for children dover children s activity books paperback 2 january 2000 by jerome e leavitt author 969 ratings

easy carpentry projects for children dover children s activity - May 14 2023

web easy carpentry projects for children try dover s hobby books for children youngsters can have a bit of old fashioned fun with codes ciphers and secret writings brain teasers camping and carpentry projects easy cookbooks hand shadows and sign language and card and magic tricks for kids

[easy carpentry projects for children revised dover children s](#) - Sep 06 2022

web order the book easy carpentry projects for children revised dover children s activity books paperback in bulk at wholesale prices isbn 9780486250571 by jerome e leavitt

11 easy construction paper turkeys your kids will love to make - Dec 29 2021

web oct 13 2017 paper turkey crafts 3d construction paper turkey twitchetts stack your paper and create fun and colorful 3d turkeys toilet paper roll turkey kids activities blog a craft with simple supplies and teaches about gratitude handprint turkey craft the kindergarten connection kids will love to use their handprints in this fun craft

easy carpentry projects for children dover children s activity - Jun 15 2023

web apr 1 1986 try dover s hobby books for children youngsters can have a bit of old fashioned fun with codes ciphers and secret writings brain teasers camping and carpentry projects easy cookbooks hand shadows and sign language and card and magic tricks for kids

17 awesome woodworking projects for kids to build - Feb 28 2022

web aug 24 2023 as one of the simplest woodworking projects for kids we found this one is bound to be a delight for younger kids it ll be like making a toy friend for your kids it s big enough to entertain the little ones and is made of simple wooden blocks

easy carpentry projects for children dover - Jul 16 2023

web this unique woodworking primer teaches boys and girls ages 8 and up basic carpentry skills through easy to make projects bird feeder sailboat tie rack flower box and 11 more young carpenters will beam with pride at having constructed useful objects to

cross reference charts greases emtc - Aug 02 2023

web cross reference charts greases gn15 cannot be used for hartzell propellers instead of asg 6 before replacing asg 7 with gn 148 the component must be fully cleaned and old grease removed

[greases castrol australia](#) - Jan 27 2023

web castrol s choice of greases range from multipurpose to the special greases with castrol technology providing outstanding protection and longer component life under demanding conditions and keeping your vehicle in operation longer castrol spheerol lmm castrol premium heavy duty

[grease interchange guide timken company](#) - Apr 29 2023

web interchange guide timken premium all purpose industrial lc 2 grease timken construction and o iwa grease castrol 0202202tm castrol 002202tm cheron elo p 2 cheron p atomotie rease p2tm citgo ithople p2tm citgo premim ithim p 2tm conoco phillips spersta 2 on oil one ptm on oil unire p 2tm

[grease compatibility chart and reference guide machinery lubrication](#) - Dec 26 2022

web figure 1 relative compatibility rating b borderline c compatible i incompatible note this chart is a general guide to grease compatibility specific properties of greases can dictate suitability for use testing should be conducted to

grease compatibility chart and reference guide competitor equivalent - Sep 03 2023

web number specification aeroshell nyco royco bryco castrol exxon others u user 1 mil g 3545 air 4205 b asg 5 gn 05 royco 45 castrol aht in grease lubricated application on to other hand it is usually impossible to removing all for the older grease out the application when varying products

castrol lubricants equivalents cross reference - Oct 04 2023

web select a product category below castrol aerial lift fluid cross reference castrol alpha sp cross reference castrol alphasyn ep cross reference castrol ap gear lubricant cross reference castrol assuron cross reference castrol blue hydraulic plus cross reference castrol dieselall cross reference castrol dual range hv cross reference

competitor equivalent guide prolube lubricants - Jul 01 2023

web diesel engine oil mono sae 30 40 monotec 30 40 delvac 1330 1340 rx mono 30 40 refer castrol delo silver 30 40 helix hx3 30 40 titan universal hd 30 40 mono truck 30 40 rubia s 30 40 premium mono 30 40 turboil 30 40 fleetmaster sae 30 40 tulux sae 30 40 supermax sae 30 40 super tractor oils universal stou aglube mf

lubricant oil cross reference shop equivalents - Feb 25 2023

web lubricant brand cross reference find equivalent products by brand using our oil cross reference chart hydraulic oils gear lubricants heat transfer oils tractor fluid grease food grade oil rock drill spindle automatic transmission fluids and more psc offers equivalent products from leading brands mobil chevron castrol citgo

greases castrol australia - Mar 29 2023

web people are often surprised by the fact that their car needs grease as well as oil whether you need synthetic grease or conventional bearing grease we have the answer

important considerations when cross referencing lubricants castrol - May 31 2023

web feb 27 2020 one of the most common requests received by the castrol field engineering team is to cross reference a competitive product with the castrol equivalent one example is when a customer takes delivery of a new piece of equipment and the maintenance manual recommends a specific lubricant

chair de poule tome 04 prisonniers du miroir format kindle - Dec 24 2022

web 5 90 32 d occasion à partir de 1 60 12 neuf à partir de 5 90 paul et ses amis découvrent dans son grenier un étrange miroir qui rend invisible une compétition acharnée commence c est à celui qui restera invisible le plus longtemps

chair de poule tome 04 prisonniers du miroir 2023 - May 17 2022

web 2 chair de poule tome 04 prisonniers du miroir 2023 09 23 celui d enquêtrice et si elle ne veut pas faire face à un maître des vampires très énervé elle va devoir faire des heures sup

chair de poule tome 4 prisonniers du miroir r l stine - Jul 19 2022

web may 7 2010 paul et ses amis découvrent dans son grenier un étrange miroir qui rend invisible une compétition acharnée commence c est à celui qui restera invisible le plus longtemps mais paul est inquiet à chaque essai il leur est de plus en plus difficile de réapparaître comme si le miroir voulait garder ceux qui l utilisent

chair de poule tome 04 prisonniers du miroir amazon com - Jun 29 2023

web may 7 2010 amazon com chair de poule tome 04 prisonniers du miroir 9782747032957 stine r l kiefe laurence books

chair de poule tome 4 prisonniers du miroir booknode - Apr 27 2023

web titre québécois chair de poule n 5 prisonniers du miroir dos de livre paul et ses amis découvrent dans son grenier un étrange miroir qui rend invisible une compétition acharnée commence

chair de poule tome 04 prisonniers du miroir 1001ebooks - Feb 23 2023

web apr 15 2018 fantastique romans chair de poule tome 04 prisonniers du miroir 15 04 2018 1 621 tÉlÉcharger gratuitement paul et ses amis découvrent dans son grenier un étrange miroir qui rend invisible une compétition acharnée commence c est à celui qui restera invisible le plus longtemps

pdf epub chair de poule tome 04 prisonniers du miroir - Nov 22 2022

web chair de poule tome 04 prisonniers du miroir r l stine laurence kiefe en ligne paul et ses amis découvrent dans son grenier un étrange miroir qui rend invisible une compétition acharnée commence c est à celui qui restera invisible le plus longtemps ma

chair de poule tome 04 prisonniers du miroir - Sep 20 2022

web eragon l aîné et brisingr le livre iv du cycle de l héritage entraîne ses lecteurs vers un achèvement digne de l éclat du souffle et de la puissance des dragons

chair de poule tome 04 prisonniers du miroir amazon fr - Jul 31 2023

web retrouvez chair de poule tome 04 prisonniers du miroir et des millions de livres en stock sur amazon fr achetez neuf ou d occasion amazon fr chair de poule tome 04 prisonniers du miroir stine r l kiefe laurence livres

prisonniers du miroir by r l stine overdrive - Mar 15 2022

web dec 21 2015 paul et ses amis découvrent dans son grenier un étrange miroir qui rend invisible une compétition

acharnée commence c est à celui qui restera invisible le plus longtemps mais paul est inquiet à chaque essai il est de plus en plus difficile d

chair de poule tome 04 prisonniers du miroir robert l stine - Jun 17 2022

web this chair de poule tome 04 prisonniers du miroir as one of the most working sellers here will unquestionably be among the best options to review chair de poule tome 73 r l stine

chair de poule tome 4 prisonniers du miroir poche - Dec 12 2021

web sep 26 2023 description paul et ses amis ont découvert un étrange miroir qui rend invisible ils s amusent alors à voir qui restera le plus longtemps invisible mais paul s inquiète car il est de plus en plus difficile de réapparaître caractéristiques rayons romans jeunesse dès 9 ans précommandes livres jeunesse nouveautés livres jeunesse

chair de poule tome 04 prisonniers du miroir google books - May 29 2023

web paul et ses amis découvrent dans son grenier un étrange miroir qui rend invisible une compétition acharnée commence c est à celui qui restera invisible le plus longtemps mais paul est inquiet à chaque essai il est de plus en plus difficile de réapparaître comme si le miroir voulait garder ceux qui l utilisent

chair de poule tome 04 prisonniers du miroir broché - Mar 27 2023

web chair de poule tome 04 prisonniers du miroir stine r l kiefe laurence amazon com be livres

chair de poule tome 4 prisonniers du miroir poche - Feb 11 2022

web may 6 2010 prisonniers du miroir paul et ses amis découvrent dans son grenier un étrange miroir qui rend invisible une compétition acharnée commence c est à celui qui restera invisible le plus longtemps mais paul est inquiet à chaque essai il leur est de plus en plus difficile de réapparaître comme si le miroir voulait garder ceux qui l

lire TÉLÉcharger chair de poule tome 04 priso - Aug 20 2022

web jan 15 2022 epub pdf ebook chair de poule tome 04 prisonniers du miroir chair de poule 4 french edition ebook online download ebook pdf chair

chair de poule tome 04 prisonniers du miroir r l stine - Apr 15 2022

web sep 27 2023 découvrez et achetez chair de poule tome 04 prisonniers du miroir r l stine bayard jeunesse sur leslibraires fr

chair de poule tome 4 prisonniers du miroir r l stine - Jan 13 2022

web sep 27 2023 livres extraits bande dessinée jeunesse chair de poule tome 4 prisonniers du miroir r l stine acheter sur furet com acheter sur decitre fr paul et ses amis découvrent dans son

prisonniers du miroir tome 04 chair de poule tome 04 fnac - Sep 01 2023

web sep 27 2023 chair de poule prisonniers du miroir tome 04 chair de poule tome 04 r l stine laurence kiéfé servane

altermatt bayard jeunesse des milliers de livres avec la livraison chez vous en 1 jour ou en magasin avec 5 de réduction ou téléchargez la version ebook

chair de poule tome 4 prisonniers du miroir r l stine - Nov 10 2021

web sep 27 2023 résumé paul et ses amis découvrent dans son grenier un étrange miroir qui rend invisible une compétition acharnée commence c est à celui qui restera invisible le plus longtemps mais paul est inquiet à chaque essai il leur est de plus en plus difficile de réapparaître comme si le miroir voulait garder ceux qui l utilisent

chair de poule tome 4 prisonniers du miroir cultura - Oct 22 2022

web description chair de poule tome 4 prisonniers du miroir par r l stine aux éditions bayard jeunesse paul et ses amis découvrent dans son grenier un étrange miroir qui rend invisible une compétition acharnée commence c est à celui qui restera invisible le plu

chair de poule tome 4 prisonniers du miroir babelio - Oct 02 2023

web mar 23 1995 résumé d inquiétantes disparitions paul et ses amis découvrent dans son grenier un étrange miroir qui rend invisible une compétition acharnée commence c est à celui qui restera invisible le plus longtemps mais paul est inquiet à chaque essai il leur est de plus en plus difficile de réapparaître

critiques de chair de poule tome 4 prisonniers du miroir - Jan 25 2023

web mar 19 2011 chair de poule tome 4 prisonniers du miroir quatre jeunes montent dans un vieux grenier au centre duquel trône un miroir oh miroir mon beau miroir dis nous que nous sommes les plus beaux c est ainsi que les jeunes gens tentent de jouer avec le bel objet