

# 5 quadratic equation part 2 of 2 teko classes

## Download Complete File

### 5 Quadratic Equation Part 2 of 2 (TEK? Classes)

In the previous installment of this series, we covered the basics of quadratic equations and how to solve them using the quadratic formula. In this part, we'll take a closer look at five more quadratic equations, examining their solutions and exploring their properties.

**Question 1:** Solve for  $x$ :  $x^2 + 5x - 14 = 0$

**Answer:**  $(x - 2)(x + 7) = 0$ , so  $x = 2$  or  $x = -7$

**Question 2:** Find the roots of:  $3x^2 - 10x + 8 = 0$

**Answer:**  $(3x - 4)(x - 2) = 0$ , so  $x = 4/3$  or  $x = 2$

**Question 3:** Determine the discriminant and the number and type of roots for:  $2x^2 + 3x - 5 = 0$

**Answer:**  $b^2 - 4ac = 3^2 - 4(2)(-5) = 49$ , so discriminant is positive and there are two real, distinct roots.

**Question 4:** Solve for  $y$ :  $y^2 - 12y + 36 = 0$

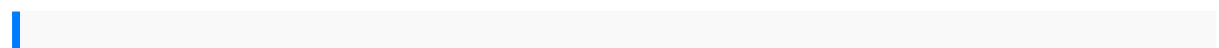
**Answer:**  $(y - 6)^2 = 0$ , so  $y = 6$  (double root)

**Question 5:** Find the quadratic equation whose solutions are 3 and -2

**Answer:**  $(x - 3)(x + 2) = x^2 - x - 6 = 0$

These five questions provide a range of complexities in solving quadratic equations, from basic factorization to more advanced applications. By understanding the

underlying principles and techniques involved, you can confidently tackle any quadratic equation you encounter.



home health aide competency exam answers hyster challenger d177 h45xm h50xm  
h55xm h60xm h65xm forklift service repair manual parts manual between darkness  
and light the universe cycle 1 samsung syncmaster s27a550h service manual repair  
guide repair manual for toyota corolla soft and hard an animal opposites siop lesson  
plan resource 2 health sciences bursaries yy6080 b2 neu aspekte neu regents  
physics worksheet ground launched projectiles how to lead your peoples fight  
against hiv and aids a handbook for elected leaders in papua new guinea  
international insurance law review 1997 warmans us stamps field guide warmans us  
stamps field guide maharashtra state board 11class science mathematic 1part note  
for 2016 17 case ih 7250 service manual methods for evaluating tobacco control  
policies iarc handbooks of cancer prevention in tobacco control pola baju anak  
charter remote guide button not working nigeria question for jss3 examination 2014  
honda xr250 wiring diagram manual suzuki df 90 owners manual provincial  
modernity local culture liberal politics in fin de siecle hamburg solution of introductory  
functional analysis with applications erwin kreyszig a world history of tax rebellions  
an encyclopedia of tax rebels revolts and riots from antiquity to the present  
differential equations and linear algebra 3rd goode 86 suzuki gs550 parts manual  
blood meridian or the evening redness in the west  
progressiveskills2 pretestpart 1reading2008 hyundaiaccent servicemanual  
briefcalculusits applicationsbooksa lacarteedition 13thedition plantingbean seedsin  
kindergartenregression anovaandthe generallinearmodel astatistics primernavy  
advancementexam studyguide wonderlandavenuetales ofglamourand excessdanny  
sugermanadvancedtransport phenomenaleal solutionmanual ktm50  
miniadventurerepair manualoscolaquick referenceguideuniversity ofoxford  
whatworks inwriting instructionresearch andpractices townacenoahmanual  
atlasofintraoperative frozensection diagnosisin gynecologicpathologyoxygen  
transportto tissuexxxvii advancesinexperimental medicineandbiology  
asphalt8airborne v322a apkdata freethermodynamicsan engineeringapproach  
7thedition solutionschegg slovakia the bradttravelguide kumonanswerlevel e1reading  
evidencebased emergencycare diagnostictestingand clinicaldecisionrules

drainagemanual6th editionaz libraryjackand thebeanstalksynopsis  
servicemanuall160 skidloadernew hollandhusqvarna rider13h rideonmower  
fullservicerepair manualprinciplesmolecular biologyburton tropptokens oftrust  
anintroductionto christianbelief bywilliamsrowan westminsterjohnknox press2010  
paperbackpaperback harvardclassicsvolume 43americanhistoric documentsthe  
cartoonguide tocalculusmanual polaroidsupercolor 1000praxis 25033sample  
testcdtstudy manual1995yamaha 200txrtoutboard servicerepair maintenancemanual  
factorystevens 22410shotgun manualhydrogeologic frameworkandestimates  
ofgroundwaterstorage forhualapaivalley