

STANDARD 3.B – SOLVING QUADRATICS

SEMINAR / REASSESSMENT PRACTICE

MONDAY:

REVIEW TOPIC: SOLVING QUADRATICS USING THE QUADRATIC FORMULA

CHOOSE THE LESSONS WHICH YOU STRUGGLE WITH THE MOST

LESSON #1: THE DISCRIMINANT

LEARN IT:

- ☐ [VIDEO](#)
- ☐ [DISCRIMINANT REVIEW ARTICLE](#)

PRACTICE IT:

- ☐ [KHAN: NUMBER OF SOLUTIONS OF QUADRATIC EQUATIONS](#)
- ☐ [IXL: USING THE DISCRIMINANT](#)
- ☐ [QUIZZZ: DISCRIMINANT PRACTICE](#)

LESSON #2: FINDING SOLUTIONS USING THE QUADRATIC FORMULA

LEARN IT:

- ☐ [VIDEO](#)
- ☐ [UNDERSTANDING THE QUADRATIC FORMULA REVIEW ARTICLE](#)

PRACTICE IT:

- ☐ [KHAN: QUADRATIC FORMULA](#)
- ☐ [IXL: SOLVE A QUADRATIC USING THE QUADRATIC FORMULA](#)
- ☐ [SOLVE QUADRATIC EQUATIONS WITH THE QUADRATIC FORMULA \(PRACTICE\)](#)

LESSON #3: SIMPLIFYING YOUR ANSWER CORRECTLY

LEARN IT:

- ☐ [VIDEO](#)
- ☐ [PURPLEMATH REVIEW ARTICLE](#)
- ☐ [SIMPLIFYING SQUARE ROOTS REVIEW ARTICLE](#)

PRACTICE IT:

- ☐ [KHAN: SIMPLIFYING SQUARE ROOTS](#)
- ☐ [KHAN: SIMPLIFY ROOTS OF NEGATIVE NUMBERS](#)
- ☐ [PRACTICE PROBLEMS WORKSHEET](#)

TUESDAY:

REVIEW TOPIC: SOLVING QUADRATICS USING FACTORING

CHOOSE THE LESSONS WHICH YOU STRUGGLE WITH THE MOST

LESSON #1: FACTORING OUT THE GREATEST COMMON FACTOR

LEARN IT:

- ☐ [VIDEO](#)
- ☐ [FACTOR QUADRATIC EQUATIONS – COMMON FACTORS REVIEW ARTICLE](#)
- ☐ [FACTORING SIMPLE QUADRATICS REVIEW ARTICLE](#)

PRACTICE IT:

- ☐ [KHAN: FACTOR QUADRATICS WITH A COMMON FACTOR](#)
- ☐ [QUIZZZ: FACTORING USING GCF / SOLVING QUADRATIC EQUATIONS](#)

LESSON #2: FACTORING BY GROUPING

LEARN IT:

- ☐ [VIDEO](#)
- ☐ [FACTORING A TRINOMIAL EXAMPLE PROBLEMS](#)
- ☐ [FACTORING BY GROUPING REVIEW ARTICLE](#)

PRACTICE IT:

- ☐ [FACTORING A TRINOMIAL ONLINE PRACTICE PROBLEMS](#)
- ☐ [IXL: FACTORING QUADRATICS WITH OTHER LEADING COEFFICIENTS](#)
- ☐ [KHAN: FACTORING QUADRATICS BY GROUPING](#)

LESSON #3: USING THE ZERO PRODUCT PROPERTY

LEARN IT:

- ☐ [VIDEO](#)

PRACTICE IT:

- ☐ [IXL: SOLVE A QUADRATIC USING THE ZERO PRODUCT PROPERTY](#)

WEDNESDAY:

REVIEW TOPIC: SOLVING QUADRATICS BY COMPLETING THE SQUARE

CHOOSE THE LESSONS WHICH YOU STRUGGLE WITH THE MOST

LESSON #1: FINDING THE MISSING "C" VALUE

LEARN IT:

- ☐ [VIDEO](#)

PRACTICE IT:

- ☐ [KHAN: COMPLETING THE SQUARES INTRO](#)

LESSON #2: COMPLETING THE SQUARE

LEARN IT:

- ☐ [VIDEO](#)
- ☐ [COMPLETING THE SQUARE REVIEW ARTICLE](#)

PRACTICE IT:

- ☐ [KHAN: COMPLETING THE SQUARE INTERMEDIATE](#)
- ☐ [COMPLETING THE SQUARE ONLINE PRACTICE PROBLEMS](#)
- ☐ [COMPLETING THE SQUARE PRACTICE](#)

LESSON #3: SOLVING BY TAKING SQUARE ROOTS

REMEMBER THAT WHEN SOLVING BY TAKING SQUARE ROOTS YOU ARE DOING REVERSE ORDER OF OPERATIONS!

LEARN IT:

- ☐ [VIDEO](#)
- ☐ [SOLVE QUADRATICS BY COMPLETING THE SQUARE REVIEW ARTICLE](#)
- ☐ [QUADRATICS BY TAKING SQUARE ROOTS \(WITH STEPS\) REVIEW ARTICLE](#)

PRACTICE IT:

- ☐ [IXL: SOLVE A QUADRATIC BY COMPLETING THE SQUARE](#)
- ☐ [IXL: SOLVE A QUADRATIC EQUATION USING SQUARE ROOTS](#)
- ☐ [KHAN: SOLVE QUADRATIC EQUATIONS BY TAKING SQUARE ROOTS](#)
- ☐ [WORDWALL: SOLVING QUADRATICS BY SQUARE ROOTS](#)

THURSDAY:

- ☐ PREPARE FOR A REASSESSMENT WITH YOUR TEACHER.
 - ☐ GRAB A REASSESSMENT FORM FROM THE MANILLA FOLDER BY THE DOOR
 - ☐ BE SURE TO WRITE DOWN WHAT YOU'VE DONE WITH WEEK TO PREPARE FOR YOUR REASSESSMENT
 - ☐ ATTACH ANY PAPERS SHOWING THE PROBLEMS YOU'VE WORKED ON
 - ☐ IF YOU HAVE ANY ASSIGNMENTS STILL MISSING FROM STANDARDS 3.A OR 3.B
 - ☐ SEND ME A PICTURE OF YOUR COMPLETED ASSIGNMENT SO THAT I CAN CLEAR YOU FOR REASSESSMENT
- ☐ COMPLETE ANY ADDITIONAL PRACTICE NEEDED TO FEEL READY FOR YOUR REASSESSMENT
 - ☐ TEST CORRECTIONS
 - ☐ REVIEW GAMES:
 - ☐ QUIZZZ: [3.B: SOLVING QUADRATICS – ALL METHODS](#)
 - ☐ KAHOOT: [SOLVING QUADRATICS KAHOOT](#)
 - ☐ BLOOKET: [SOLVING QUADRATICS BLOOKET](#)

FRIDAY:

- ☐ REASSESSMENT!