

Coach's Corner Assessment

Coach's Corner provides practice and allows you to self-reflect on your conceptual understanding of the *Lesson* skills. Assessment of your work in *Coach's Corner* will be combined into two overall completion marks, one for *Workbook A* and one for *Workbook B*. Your work for *Coach's Corner* in each *Workbook* will be assessed according to the rubric provided.

Category	Strategy and Procedures	Response to Questions
	<i>The student...</i>	<i>The student...</i>
4	<ul style="list-style-type: none"> uses efficient and effective strategies to solve the problem(s) 	<ul style="list-style-type: none"> provides detailed explanations and follows directions appropriately to complete all questions
3	<ul style="list-style-type: none"> uses effective strategies to solve the problem(s) 	<ul style="list-style-type: none"> provides clear explanations and follows directions adequately to complete most questions
2	<ul style="list-style-type: none"> uses effective strategies inconsistently to solve the problem(s) 	<ul style="list-style-type: none"> provides incomplete explanations and follows some directions to complete a few questions
1	<ul style="list-style-type: none"> does not use effective strategies to solve the problem(s) 	<ul style="list-style-type: none"> provides incomplete explanations and does not follow directions to complete some questions

Complete *Coach's Corner* exercises using your best work, showing all relevant steps needed to arrive at your solution. Refer to the *Module* to review lesson instructions. Contact your teacher for assistance or clarification as needed, or to investigate the topic further.

Check and correct your work using the solutions provided in *Equipment Room* in the *Module*.

Coach's Corner is worth 8 marks.

After you have assessed your work, reflect on your understanding of the concepts addressed in the *Coach's Corner* exercises in the table provided.

Unit 2: Quadratic Functions Lesson 2.3



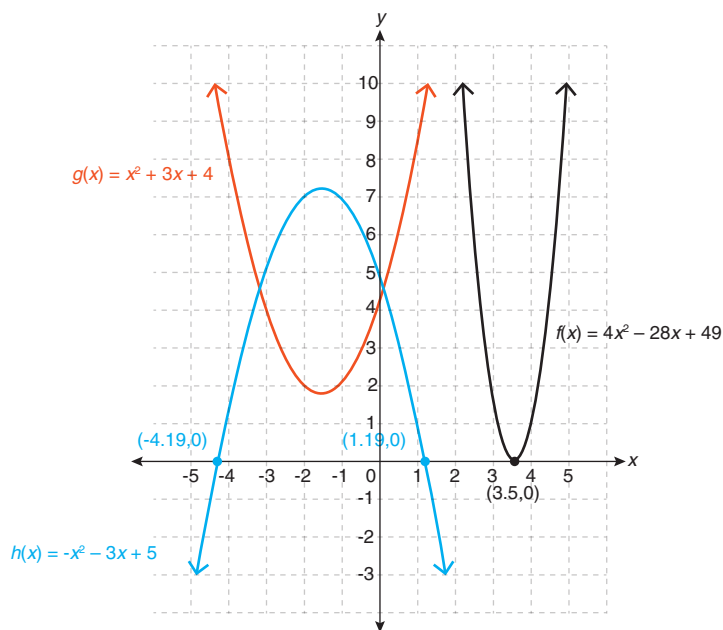
Coach's Corner – V

1. Use the graphs provided to determine the number of solutions each of the following equations will have.

a. $4x^2 - 28x + 49 = 0$

b. $x^2 + 3x + 4 = 0$

c. $-x^2 - 3x + 5 = 0$



2. Determine the solutions to the equations in 1.

a.

b.

c.

3. Solve the following equations by factoring. Verify the solutions.

a. $x^2 - 4 = 0$

b. $x^2 = 5x$

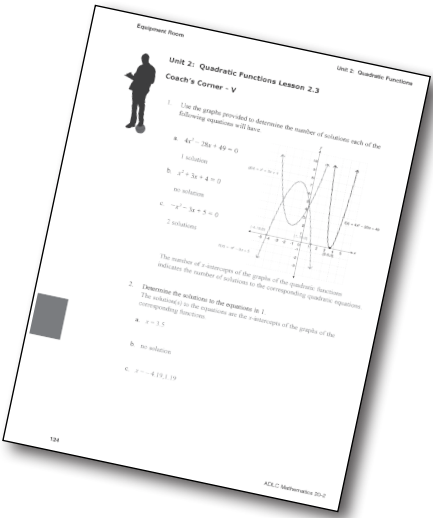
c. $16x = -x^2 - 63$

d. $5x^2 - x - 4 = 0$

Please go to the *Equipment Room* to check your solutions before proceeding to *Game On!*, on the next page of this *Workbook*..

After you have assessed your work, reflect upon your understanding of the concepts addressed in the *Coach's Corner* exercises in the table provided.

Question Number	Got it!	Almost there...	Need to retry or ask for help.
1			
2			
3			



Unit 2: Quadratic Functions Lesson 2.3**Coach's Corner – VI**

1. Solve the following equations using the quadratic formula.

a. $x^2 - 17x - 9 = 0$

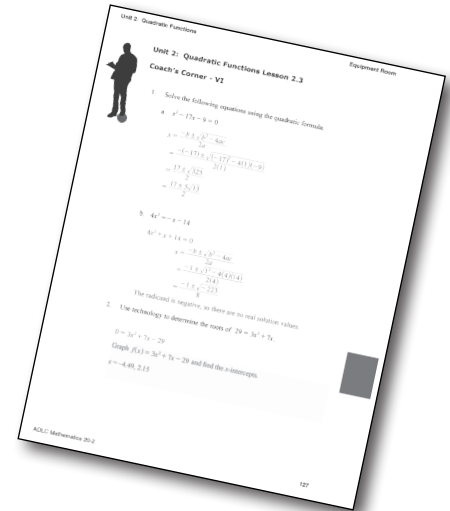
b. $4x^2 = -x - 14$

2. Use technology to determine the roots of $29 = 3x^2 + 7x$.

Please go to the *Equipment Room* to check your solutions before proceeding to *Game On!*, on the next page of this *Workbook*.

After you have assessed your work, reflect upon your understanding of the concepts addressed in the *Coach's Corner* exercises in the table provided.

Question Number	Got it!	Almost there...	Need to retry or ask for help.
1			
2			



Note: Before you complete *Game On!*, you may review your skills and get more practice by completing the following problems in *Principles of Mathematics 11*.

- Page 411, #3, 4, 6, 7, and 9
- Page 420, #6*, 9, and 11 (*verify these solutions using technology)

Check your work in *Strengthening and Conditioning*.

