



Correlation of

Financial Algebra: Advanced Algebra with Financial Applications, 2/E, Tax Code Update, by Robert Gerver/ Richard J. Sgroi, ©2021, ISBN: 9780357423509

to

Oklahoma Math of Finance Competencies for High School Mathematics (2022)

A Correlation of *Financial Algebra* to the Math of Finance Competencies for High School Mathematics (2022)

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Personal Financial Literacy (PFL) Standards and Objectives

PFL.1* The student will describe the importance of earning an income and explain how to manage personal income through the use of a budget.

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PFL.1.1 Using decision-making models, evaluate how career choices, educational/vocational preparation, skills, and entrepreneurship affect income and standard of living (e.g., postsecondary degree/ certification, needs versus wants, and the ability to live on less than you earn).	pages 3-4 pages 11-13 (Applications) pages 164-172 page 203 (Problem 13) page 328 (Problem 9)
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to acquire these plans (e.g., banks, insurance companies).	page 323 (Problem 1) page 324 (Problem 13) page 325 (Problems 2-3) page 601 (Example 2) page 613 (Example 5) pages 620-621 (Example 4) page 622 (Example 6)
PFL.7* The student will identify the procedures and	analyze the responsibilities of borrowing money.
PFL.7.4 Explain how the terms of a loan (e.g., interest rates, fees, and repayment schedules) affect the cost of credit.	pages 146-153 pages 154-156 pages 173-175 page 202 (Problems 2, 3, 6, 7, 9) page 203 (Problem 14) page 410 (Example 1) page 413 (Example 4) page 414 (Example 5) page 415 (Example 6) pages 416-418 (Applications) page 431 (Example 1) page 431 (Example 2)
PFL.7.5 Explain the impact of non-repayment on individuals, families, business, and the broader economic system as a whole.	page 153 (Introduction) page 154 (problem 1)
PFL.8 The student will describe and explain interest	t, credit cards, and online commerce.
PFL.8.1 Compare costs and benefits of using credit cards and making online purchases (e.g., interest rates, fees, repayment schedules, and personal information protection).	pages 179-183 (Introduction) pages 187-188 (Introduction) pages 193-197 (Introduction) page 201 page 202 (Problems 4, 5, 8, 10, 11, And 12) pages 205-207 (applications)
PFL.8.2 Evaluate options for payments on credit cards (e.g., minimum payment, delayed payments, or payment in full).	pages 179-183 (Introduction) pages 187-188 (Introduction) pages 193-197 (Introduction) pages 205-207 (Applications)
PFL.10 The student will explain and compare the responsibilities of renting versus buying a home.	
PFL.10.1 Compare the costs and benefits of renting versus buying a home.	page 430 (Introduction) page 437 (Introduction) page 445 (Introduction) page 413 (Example 4 - costs of buying) page 414 (Example 5 - costs of buying) page 424 (Example 4 - costs of buying) pages 428-429 (Applications) page 433 (Applications) pages 455-461 (Assessments & Applications)
PFL.10.2 Explain the elements of a standard lease agreement (e.g., deposit, due date, grace period, late	pages 392-393 (Introduction) page 393 (Example 1)

	page 396 (Example 3) pages 399-400 (Applications)
	page 660 (Introduction - Utilities)
PFL.10.3 Explain the elements of a mortgage (e.g., down payment, escrow account, due date, late fees, property taxes, potential early payment penalties, and	page 409 (Introduction) pages 419-420 (Introduction) page 426
amortization tables); types of lenders; and fixed or adjustable rate mortgage loans.	page 411 (Example 2) page 412 (Example 3)
	page 413 (Example 4 - costs of buying) page 414 (Example 5 - costs of buying) page 415 (Example 6)
	pages 416-418 (Applications) page 421 (Example 1)
	page 422 (Example 1) page 422 (Example 2) page 422 (Example 3)
	page 423 (Example 4) page 425 (Example 5)
	page 427 (Example 6) pages 428-429 (Applications) page 431 (Example 1)
	page 431 (Example 2) page 432 (Example 3)
	page 433 (Example 4) page 435 (applications) page 438 (Example 1)
	pages 455-461 (Assessments & Applications)
PFL.11* The student will describe and explain how risk.	various types of insurance can be used to manage
PFL.11.3 Examine appropriate amounts of insurance and how insurance deductibles work.	pages 634-635 (Introduction) pages 224-228 (Introduction)
	pages 229-231 (Applications)
	page 287 (Problems 9 and 11)
	page 409 (Introduction-prin) page 412 (Example 3-pmi)
	page 413 (Example 4-nomeowner I) page 636 (Example 2) page 637 (Example 4)
PFL.12 The student will explain and evaluate the fin	ancial impact and consequences of gambling.
PFL.12.1 Analyze the probabilities involved in winning at games of chance (e.g., sports betting, online	This standard is not addressed in this text.
PFL.12.2 Evaluate costs and benefits of gambling to individuals and society (e.g., family budget, addictive	This standard is not addressed in this text.
behaviors, and the local and state economy).	s of bankruntcy
PEL 40.4 Assess the secto and benefits of benjameters are 454	
to individuals, families, and society.	page 151

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*indicates partial coverage of a PFL standard