SOLUTIONS FOR QUESTIONS AND PROBLEMS

CHAPTER 1

THE INDIVIDUAL INCOME TAX RETURN

Group 1 - Multiple Choice Questions

1. C	(LO 1.1)	9. C	(LO 1.5)	19. E	\$25,000 = \$280,000 -
2. A	(LO 1.1)	10. D	(LO 1.5)		(\$290,000 - \$35,000)
3. D	(LO 1.2)	11. E	(LO 1.6)		(LO 1.8)
4. D	(LO 1.2)	12. C	(LO 1.6)	20. B	\$44,000 = \$47,000 -
5. C	(LO 1.3)	13. E	(LO 1.6)		\$3,000 (LO 1.8)
6. B	(LO 1.3)	14. D	(LO 1.7)	21. B	(LO 1.9)
7. C	\$98,000 - \$19,000 =	15. B	(LO 1.7)	22. A	(LO 1.9)
	\$79,000 (LO 1.4)	16. B	(LO 1.7)	23. D	(LO 1.9)
8. C	\$12,000 standard	17. D	(LO 1.8)		
	deduction (LO 1.4)	18. A	(LO 1.8)		

Group 2 - Problems

- 1. a. Raising revenue to operate the government.
 - b. Furthering economic goals such as reducing unemployment.
 - c. Furthering social goals such as encouraging contributions to charities. (LO 1.1)
- 2. a. \$36,700 = \$41,000 + \$700 \$5,000.
 - b. \$24,000, the greater of itemized deductions or the standard deduction of \$24,000.
 - c. \$12,700 = \$36,700 \$24,000. (LO 1.3)
- 3. a. \$24,000.
 - b. \$12,000, the greater of total itemized deductions or the standard deduction amount.
 - c. \$12,000 = \$24,000 \$12,000. (LO 1.3)
- 4. a. \$52,300 = \$53,300 + \$1,600 + \$400 \$3,000 (\$7,000 capital loss limited to \$3,000)
 - b. \$12,000
 - c. \$0
 - d. \$40,300 = \$52,300 \$12,000. (LO 1.3 and 1.8)
- 5. a. \$48,730 = \$47,230 + \$3,500 \$2,000.
 - b. \$24,000, the greater of itemized deductions or the standard deduction of \$24,000.
 - c. \$24,730 = \$48,730 \$24,000.
 - d. \$2,586 (Tax Table) (LO 1.3, 1.5, and 1.7)

6. Adjus	sted gross income	\$17,400
Less:	Itemized deductions	-2,250
Taxal	ole income	\$15,150

Ulysses' tax liability from the Tax Table is \$1,631. Note: because they are married and filing separately and Ulysses' spouse Penelope itemizes her deductions, Ulysses must also itemize his deductions, even though the itemized deductions total less than the standard deduction he would be otherwise entitled to. (LO 1.3, 1.5, and 1.7)

7. Adjust	ed gross income (\$13,200 + \$1,450)	\$14,650
Less:	Standard deduction	-12,000
Taxable	e income	\$ 2,650
(T O 1		

(LO 1.3, 1.5, and 1.7)

(Note: See Chapter 6 for the tax computation for dependent college students under age 24.)

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8. a. \$34,300 = \$46,300 - \$12,000.
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- b. Tax tables. Taxpayers with income up to \$100,000 must use the tax tables.
- c. \$3,929. (LO 1.3, 1.5, and 1.7)
- 9. a. \$67,625 = \$49,500 + \$10,125 + \$5,000 + \$3,000.
 - b. \$64,425 = \$67,625 \$3,200.
 - c. \$24,000, the greater of itemized deductions or the standard deduction of \$24,000.
 - d. **0.** Exemptions were repealed for 2018.
 - e. \$40,425 = \$64,425 \$24,000.
 - f. \$4,470 (LO 1.3, 1.5, 1.6, and 1.7)
- 10. a. \$88,500 = \$84,600 + \$3,900.
 - b. **\$0.**
 - c. \$64,200 = \$88,500 \$24,300. (LO 1.3, 1.5, 1.6, and 1.7)
- 11. Taxable income is: \$28,750 = \$40,750 \$12,000. Tax liability from the tax tables not the tax rate schedules: \$3,263. (LO 1.3, 1.5, and 1.7)
- 12. Yes. Since Nicoula owes Social Security taxes on the unreported tips, she must file an income tax return. (LO 1.4)
- 13. a. No. Income is less than the \$12,000 standard deduction.
 - b. Yes. Unearned income was more than \$1,050. Also, gross income is more than the larger of \$1,050 or \$1,900 (earned income of \$1,550 plus \$350).
 - c. No. Their income is under the \$25,300 standard deduction (\$24,000 + \$1,300 (over 65 years old)).
 - d. No. Gross income is less than \$24,000, the 2018 standard deduction.
 - e. Yes. His earnings exceeded the \$400 limit for self-employed persons. (*Note:* All answers can be found in the figures in LO 1.4.)
- 14. Allen \$2,333.

 Boyd \$2,753.

 Caldwell \$3,912.

 Dell \$3,025.

Evans \$5,845. (LO 1.5)

- 15. a. D
 - b. D
 - c. A
 - d. A
 - e. B or C (LO 1.5)
- 16. a. Because their income exceeds \$100,000, the tax rate schedules must be used.
 - b. $$14,979 = $8,907 + 22\% \times ($105,000 $77,400)$. (LO 1.5)
- 17. They may file either as married filing joint or married filing separately. They must file married, since they were married by year-end. (LO 1.5)

- 18. Head of household. Maggie's parents meet the tests to qualify as her dependents. Maggie is single. Additionally, she provides a home for her parents. Parents are the only exception to the requirement that dependents must live in the same household as the taxpayer to qualify the taxpayer for head of household status. (LO 1.5)
- 19. Single. Unmarried with no dependent.

 Head of household. Single or abandoned spouse, with qualifying dependent.

 Qualifying widow(er). Spouse died within the past 2 years and has a qualifying dependent. (LO 1.5)
- 20. a. Yes, her son qualifies as a dependent, meeting the tests of a qualifying relative.
 - b. No. Her son must live in the same household as Mary, so Mary cannot use the head of household filing status. (LO 1.5 and 1.6)
- 21. a. Yes
 - b. No (fails gross income test)
 - c. Yes
 - d. Yes
 - e. No (LO 1.6)
- 22. **\$0.** Exemptions were repealed for 2018. (LO 1.6)
- 23. No. Because Charles is self-supporting, his parents may not claim him as a dependent. The self-support test is applied to both children and relatives who otherwise qualify, so Charles is disqualified either way. (LO 1.6)
- 24. No. Phillip cannot be claimed as a dependent because he is not a U.S. citizen or a resident of the U.S., Canada, or Mexico. (LO 1.6)
- 25. The standard deduction is a specific dollar amount that varies with filing status, age and vision, but not by type of individual deduction. Total itemized deductions depend on the amount and type of items, with some items having limitations based on AGI. They include medical expenses, certain taxes, certain interest expenses, charitable contributions and miscellaneous deductions
 - A taxpayer should claim the larger of the standard deduction or the total allowed itemized deductions to reduce the taxpayer's income subject to tax as much as possible. (LO 1.7)
- 26. The answer will vary depending on the date the problem is assigned and completed. The purpose of the problem is to familiarize the student with the IRS website. (LO 1.9)
- 27. The blank forms are not reproduced here. By the time the student is assigned this problem, the current year's forms should be available. (LO 1.9)
- 28. As long as the service animal is certified, the purchase cost of the service animal, training costs, the cost of pet food, and vet bills all may be deductible. The dog collar is probably not deductible unless part of the training. (LO 1.9)

Group 3 - Writing Assignments

1. Research Solution:

Whittenburg and Gill, CPAs San Diego, CA February 20, 20xx Mr. and Mrs. William Carson 3276 Lakeline Drive San Diego, CA

Dear William and Sheila,

Thank you for requesting my advice concerning the tax treatment of your brother Jerry. I have researched your question and am sorry to say that you cannot claim Jerry as a qualifying child.

Although Jerry meets the relationship, domicile, joint return, citizenship, and self-support test, he does not meet the age test. Even though he is a full-time student and under the age of 24, in order to be your qualifying child, he must be younger than at least one of you.

Although you can't claim him as a qualifying child, there is a possibility that you could claim Jerry as a qualifying relative if he earns less than \$4,150.

My conclusion is based upon the facts that you have provided me. I'm sorry that the news was not more favorable. If you have any questions or would like further explanation, please do not hesitate to call me.

Sincerely,

Trevor Malcolm

for Whittenburg and Gill, CPAs

2. Ethics Solution:

To: JasonandMary@email.com

Subject: Inquiry on filing status: single v. married filing jointly

Jason and Mary,

Thank you for your e-mail regarding your filing status for 2018. Let me also say, I really enjoyed your wedding ceremony and reception. Thank you for inviting me.

Your e-mail stated that you had prepared your 2018 taxes as both single and married filing jointly and found that your refund would be larger if both of you filed as single. Unfortunately, the tax law is very clear on this issue. Individuals who are married as of the last day of the tax year are considered to be married. Married taxpayers have only two filing status options: married filing jointly or married filing separately. In order to file as single, taxpayers must be unmarried or legally separated from their spouse as of the last day of the tax year. Not only would it be unethical for you to file as single, it would be against the law.

The additional tax that married couples sometimes encounter is known as the "marriage penalty." Hopefully you are finding that your wedded bliss outweighs the tax penalty!

Your friend, Trevor Malcolm For Whittenburg and Gill, CPAs

Group 4 - Comprehensive Problems

- 1. See page 31 and 32.
- 2A. See pages 33 and 34.
- 2B. See pages 35 and 36.

Group 5 - Cumulative Software Problem

The solution to the Cumulative Software Problem is posted on the website for the textbook at www.cengage.com/login.

Comprehensive Problem 1

1040 0	partment of the Treasury-Interna .S. Individual Inc	al Revenue Service ome Tax Re	(99) turn	201	8 OMB No.	1545-0074	IRS Use C	nly—Do not wr	ite or staple in this space.
Filing status:	Single Married filing j	ointly Married fi	ling separate	ely 🗌 He	ad of household	Qualify	ing widow(e	er)	
Your first name and i	nitial	Last r Ba	_{name} nyan						cial security number 33 1234
Your standard deduc	tion: Someone can cl	aim you as a depend	ent	You were bo	orn before Januar	y 2, 1954	You	are blind	
If joint return, spouse	spouse's first name and initial Last name Spouse's social security							s social security number	
Spouse standard deduce Spouse is blind	Spouse standard deduction: Someone can claim your spouse as a dependent Spouse was born before January 2, 1954 Full-year health care coverage or exempt (see inst.)								
Home address (numb	per and street). If you have a Drive	P.O. box, see instruc	tions.				Apt. no.	President (see inst.)	ial Election Campaign You Spouse
City, town or post off Houston, T.	fice, state, and ZIP code. If y	ou have a foreign add	dress, attacl	n Schedule 6	5.				han four dependents, and ✓ here ►
Dependents (see (1) First name		name (2)	Social secur	ity number	(3) Relationship	to you	Child tax	 ✓ if qualifies credit 	for (see inst.): Credit for other dependents
Sigii correc	penalties of perjury, I declare that t, and complete. Declaration of p							knowledge and	belief, they are true,
Here Joint return?	Your signature		Date		Your occupation Parking Attendant			If the IRS ser PIN, enter it here (see inst.	nt you an Identity Protection
See instructions. Keep a copy for your records.	Spouse's signature. If a joint	return, both must siç	gn. Date	S	pouse's occupation				nt you an Identity Protection
5 · ·	Preparer's name	Preparer's si	gnature			PTIN	ı	Firm's EIN	Check if:
Paid									3rd Party Designee
Preparer -	Firm's name ▶					Phone no.			Self-employed
Use Uniy -	Firm's address ▶								
For Disclosure, Priva	cy Act, and Paperwork Red	luction Act Notice,	see separa	te instructio	ins.	Cat. No.	11320B		Form 1040 (2018)

Comprehensive Problem 1, cont.

Form 1040 (2018))			F	Page 2
	1	Wages, salaries, tips, etc. Attach Form(s) W-2	1	19,800	
	2a	Tax-exempt interest 2a b Taxable interest	2b		
Attach Form(s) W-2. Also attach	За	Qualified dividends 3a b Ordinary dividends	3b		
Form(s) W-2G and 1099-R if tax was	4a	IRAs, pensions, and annuities . 4a b Taxable amount	4b		
withheld.	5a	Social security benefits 5a b Taxable amount	5b		
	6	Total income. Add lines 1 through 5. Add any amount from Schedule 1, line 22	6	19,800	
Standard	7	Adjusted gross income. If you have no adjustments to income, enter the amount from line 6; otherwis subtract Schedule 1, line 36, from line 6	e, 7	19,800	
Deduction for-	8	Standard deduction or itemized deductions (from Schedule A)	8	12,000	
 Single or married filing separately, 	9	Qualified business income deduction (see instructions)	9	· ·	
\$12,000	10	Taxable income. Subtract lines 8 and 9 from line 7. If zero or less, enter -0-	10	7,800	
 Married filing jointly or Qualifying 	11	a Tax (see inst) 783 (check if any from: 1 Form(s) 8814 2 Form 4972 3)			
widow(er), \$24,000		b Add any amount from Schedule 2 and check here] 11	783	
Head of	12	a Child tax credit/credit for other dependents b Add any amount from Schedule 3 and check here ▶	12		
household, \$18,000	13	13	783		
If you checked	14	Other taxes. Attach Schedule 4	14		
any box under Standard	15	Total tax. Add lines 13 and 14	15	783	
deduction, see instructions.	16	Federal income tax withheld from Forms W-2 and 1099	16	1,280	
	17	Refundable credits: a EIC (see inst.) b Sch 8812 c Form 8863	_		
		Add any amount from Schedule 5	17		
	18	Add lines 16 and 17. These are your total payments	18	1,280	
Refund	19	If line 18 is more than line 15, subtract line 15 from line 18. This is the amount you overpaid	19	497	
Herana	20a	Amount of line 19 you want refunded to you. If Form 8888 is attached, check here	20a	497	
Direct deposit? See instructions.	b	Routing number			
See iristructions.	d	Account number			
	21	Amount of line 19 you want applied to your 2019 estimated tax ▶ 21			
Amount You Owe	22	Amount you owe. Subtract line 18 from line 15. For details on how to pay, see instructions	22		
	23	Estimated tax penalty (see instructions)			
Go to www.irs.go	v/Forn	m1040 for instructions and the latest information.		Form 1040	(2018

Comprehensive Problem 2A

1040	Department of the Treasury—Internal Reven	nue Service (e Tax Retur	(99) 'n	2018	OMB No.	1545-007	4 IRS Use	Only—Do not w	rite or staple in this space.
Filing status:	Single X Married filing jointly	Married filing s	separately	Head (of household	Qual	ifying widov	v(er)	
Your first name and Leon	d initial	Last name							cial security number
Your standard dedu	uction: Someone can claim yo	u as a dependent	You	ı were born	before Januar	y 2, 1954	Yo	ou are blind	
If joint return, spous	se's first name and initial	Last name							s social security number
Spouse standard ded	dard deduction: Someone can claim your spouse as a dependent Spouse was born before January 2, 1954								
Home address (num 143 Snapdr	nber and street). If you have a P.O. b ragon Drive	ox, see instructions	S.				Apt. no	. President (see inst.)	tial Election Campaign You Spouse
	City, town or post office, state, and ZIP code. If you have a foreign address, attach Schedule 6. Reno. NV 82102 If more than four dependents, see inst. and ✓ here ▶ □								
Dependents (see	e instructions):	(2) Soc	ial security n	umber	(3) Relationship	to you	Child ·	(4) ✓ if qualifies tax credit	s for (see inst.): Credit for other dependents
*									
Sigii corre	er penalties of perjury, I declare that I have ect, and complete. Declaration of preparer							y knowledge and	belief, they are true,
Here Joint return? See instructions.					occupation utcher			If the IRS se PIN, enter it here (see inst	
Keep a copy for your records.	Spouse's signature. If a joint return	, both must sign.	th must sign. Date S			on r		If the IRS se PIN, enter it here (see inst	
Paid	Preparer's name	Preparer's signat	ure			PTIN		Firm's EIN	Check if:
						3rd Party Designee			
Preparer	Firm's name ▶					Phone n	0.		Self-employed
Use Only	Firm's address ▶					-			
For Disclosure, Priv	acy Act, and Paperwork Reduction	n Act Notice, see s	separate ii	nstructions		Cat. N	lo. 11320B		Form 1040 (2018)

^{*} The Lazo's son does not meet the age test nor the gross income to qualify as a dependent.

Comprehensive Problem 2A, cont.

orm 1040 (2018)				Pa
	1	Wages, salaries, tips, etc. Attach Form(s) W-2	1	50,675
tach Form(s)	2a	Tax-exempt interest 2a b Taxable interest	2b	
-2. Also attach	За	Qualified dividends 3a b Ordinary dividends	3b	
orm(s) W-2G and 199-R if tax was	4a	IRAs, pensions, and annuities . 4a b Taxable amount	4b	
thheld.	5a	Social security benefits 5a b Taxable amount	5b	
	6	Total income. Add lines 1 through 5. Add any amount from Schedule 1, line 22	6	50,675
tandard	7	Adjusted gross income. If you have no adjustments to income, enter the amount from line 6; otherwise, subtract Schedule 1, line 36, from line 6	7	50,675
eduction for-	8	Standard deduction or itemized deductions (from Schedule A)	8	24,000
Single or married filing separately,	9	Qualified business income deduction (see instructions)	9	·
\$12,000	10	Taxable income. Subtract lines 8 and 9 from line 7. If zero or less, enter -0	10	26,675
Married filing jointly or Qualifying	11	a Tax (see inst) 2,820 (check if any from: 1 Form(s) 8814 2 Form 4972 3)		
widow(er), \$24.000		b Add any amount from Schedule 2 and check here	11	2,820
Head of	12	a Child tax credit/credit for other dependents b Add any amount from Schedule 3 and check here ▶ □	12	
household, \$18,000	13	Subtract line 12 from line 11. If zero or less, enter -0	13	2,820
f you checked	14	Other taxes. Attach Schedule 4	14	
any box under Standard	15	Total tax. Add lines 13 and 14	15	2,820
deduction, see instructions.	16	Federal income tax withheld from Forms W-2 and 1099	16	3,102
see instructions.	17	Refundable credits: a EIC (see inst.) b Sch 8812 c Form 8863		
		Add any amount from Schedule 5	17	
	18	Add lines 16 and 17. These are your total payments	18	3.102
efund	19	If line 18 is more than line 15, subtract line 15 from line 18. This is the amount you overpaid	19	282
eiuliu	20a	Amount of line 19 you want refunded to you. If Form 8888 is attached, check here	20a	282
ect deposit?	b	Routing number		
e instructions.	d	Account number		
	21	Amount of line 19 you want applied to your 2019 estimated tax > 21		
nount You Owe	22	Amount you owe. Subtract line 18 from line 15. For details on how to pay, see instructions	22	
	23	Estimated tax penalty (see instructions)		

Comprehensive Problem 2B

្ទ 1040	epartment of the Treasury-Internal Rever	nue Service e Tax Retu	(99) rn	20	18	OMB No.	1545-007	4 IRS Use	Only—Do not w	rite or staple in this space.
Filing status:	Single Married filing jointly	Married filing	separa	itely X	Head of h	ousehold	Quali	fying widow	(er)	
Your first name and Abigail	initial	Last nam Box							1	cial security number
Your standard dedu	ction: Someone can claim yo	ou as a dependent		You were	born bef	ore Januar	, 2, 1954	Yo	u are blind	
If joint return, spous	e's first name and initial	Last nam	е						Spouse'	s social security number
Spouse standard ded	Spouse standard deduction: Someone can claim your spouse as a dependent Spouse was born before January 2, 1954 Spouse its blind Spouse itemizes on a separate return or you were dual-status alien Spouse itemizes on a separate return or you were dual-status alien									
Home address (num 3456 Alamo	nber and street). If you have a P.O. b) Way	ox, see instruction	ıs.					Apt. no.	Presiden (see inst.)	tial Election Campaign You Spouse
	ffice, state, and ZIP code. If you have 78249	e a foreign addres	s, atta	ch Schedu	le 6.					than four dependents, . and ✓ here ►
Dependents (see	e instructions):	(2) So	cial sec	urity number	(3)	Relationship	to you	Child t	(4) ✓ if qualifie ax credit	s for (see inst.): Credit for other dependents
Helen Boxe	r	676	73	3312	Da	ughter				X
						Ŭ				
Sigii corre	er penalties of perjury, I declare that I have ect, and complete. Declaration of preparer								y knowledge and	d belief, they are true,
Here	Your signature		Date			cupation				
Joint return? See instructions.					Accountant			PIN, enter it here (see ins		
Keep a copy for Spouse's signature. If a joint return, b		, both must sign.	Date)	Spouse'	s occupati	on		If the IRS se	ent you an Identity Protection
your records.					PIN, enter it here (see ins					
Paid	Preparer's name	Preparer's signa	ture				PTIN		Firm's EIN	Check if:
Preparer -										3rd Party Designee
Use Only	Firm's name ▶						Phone no. Self-employe			
Use Offig	Firm's address ▶									
For Disclosure, Priv	acy Act, and Paperwork Reduction	n Act Notice, see	separ	ate instruc	ctions.		Cat. N	lo. 11320B		Form 1040 (2018)

Comprehensive Problem 2B, cont.

	1	Wages, salaries, tips, etc. Attach Form(s) W-2	1	59.000
	2a	Tax-exempt interest 2a 127 b Taxable interest	2b	300
tach Form(s) -2. Also attach	За	Qualified dividends 3a b Ordinary dividends	3b	
orm(s) W-2G and	4a	IRAs, pensions, and annuities . 4a b Taxable amount	4b	
thheld.	5a	Social security benefits 5a b Taxable amount	5b	
	6	Total income. Add lines 1 through 5. Add any amount from Schedule 1, line 22	6	59,300
andard	7	Adjusted gross income. If you have no adjustments to income, enter the amount from line 6; otherwise, subtract Schedule 1, line 36, from line 6	7	59,300
eduction for-	8	Standard deduction or itemized deductions (from Schedule A)	8	18,000
Single or married filing separately,	9	Qualified business income deduction (see instructions)	9	
\$12,000	10	Taxable income. Subtract lines 8 and 9 from line 7. If zero or less, enter -0	10	41,300
Married filing jointly or Qualifying	11	a Tax (see inst) 4,687 (check if any from: 1 Form(s) 8814 2 Form 4972 3)		
widow(er), \$24,000		b Add any amount from Schedule 2 and check here	11	4,687
Head of	12	a Child tax credit/credit for other dependents 500 b Add any amount from Schedule 3 and check here ▶ □	12	500
household, \$18,000	13	Subtract line 12 from line 11. If zero or less, enter -0	13	4,187
If you checked	14	Other taxes. Attach Schedule 4	14	
any box under Standard	15	Total tax. Add lines 13 and 14	15	4,187
deduction, see instructions.	16	Federal income tax withheld from Forms W-2 and 1099	16	5,000
	17	Refundable credits: a EIC (see inst.) b Sch 8812 c Form 8863		
		Add any amount from Schedule 5	17	
	18	Add lines 16 and 17. These are your total payments	18	5,000
efund	19	If line 18 is more than line 15, subtract line 15 from line 18. This is the amount you overpaid	19	813
	20a	Amount of line 19 you want refunded to you. If Form 8888 is attached, check here	20a	813
rect deposit?	b	Routing number		
>C 11/31/10/10/13.	d	Account number		
	21	Amount of line 19 you want applied to your 2019 estimated tax ▶ 21		
mount You Owe	22	Amount you owe. Subtract line 18 from line 15. For details on how to pay, see instructions	22	
	23	Estimated tax penalty (see instructions)		

Key Number Tax Return Summary

Chapter 1

Comprehensive Problem 1

Adjusted Gross Income (Line 7)	19,800
Taxable Income (Line 10)	7,800
Total Tax (Line 15)	783
Tax Refund (Line 20a)	497

Comprehensive Problem 2A

Adjusted Gross Income (Line 7)	50,675
Standard Deduction (Line 8)	24,000
Total Tax (Line 15)	2,820
Amount Overpaid (Line 19)	282

Comprehensive Problem 2B

59,300
18,000
500
4,187
813
_