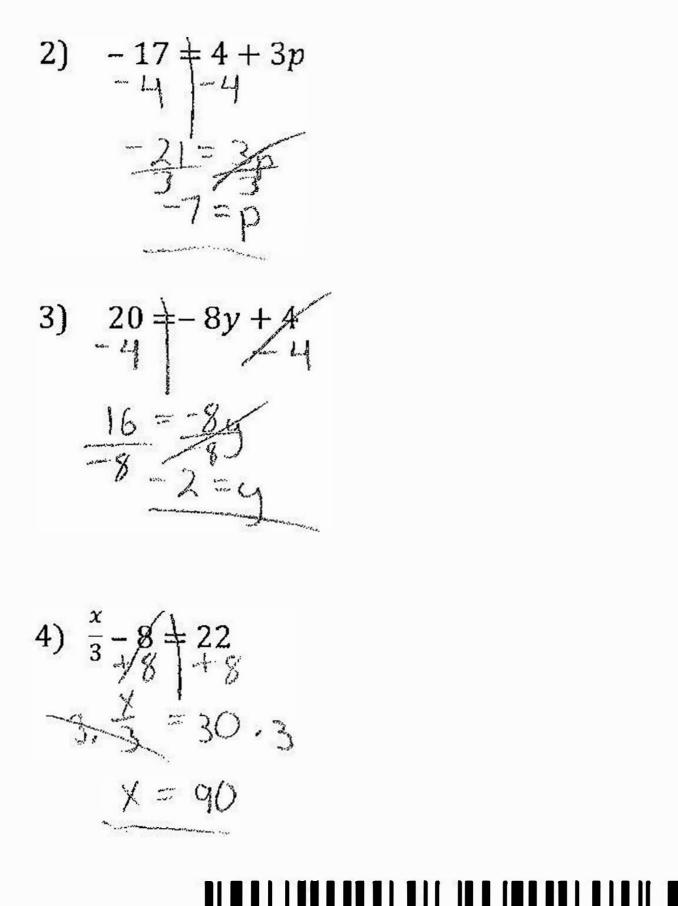
Solving Variables on	One Side Retake	
StudentName 2013		· Page 1 of 2
Teacher Name	· Charles	Test Date: 9/6/2022
Trm: S1 Crs: ALG 1 FALL Sec: 01	23	Assessment No.: 8675

1.A I can solve an equation with variables on one side	N	1	(2)	٢
3 – Demonstrates learning target mastery				
2 – Is in progress of learning target mastery				
1 – Is not yet making progress or is making minimal progress tow	ard lea	rning ta	arget m	astery
N – No evidence of learning target mastery				
Comments:				

Solve each equation below for the given variable.

1)
$$c - 8 = 32$$

 $78 = 48$
 $c = 40$
1 pt

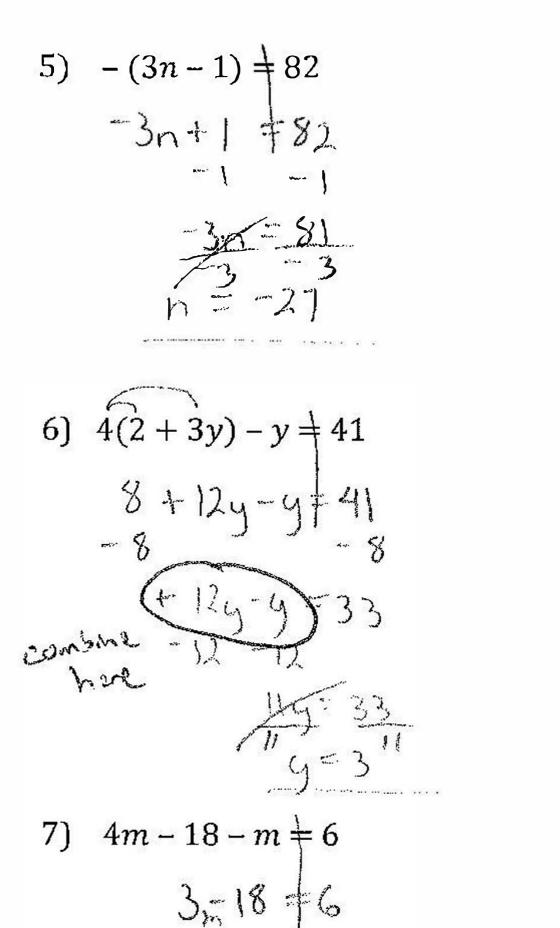


2 pts

2 pts



Solving Variables on One Side RetakePage 2 of 2Student NamePage 2 of 2Teacher NameTest Date: 9/6/2022Trm: S1 Crs: ALG 1 FALL Sec: 01Assessment No.: 8675



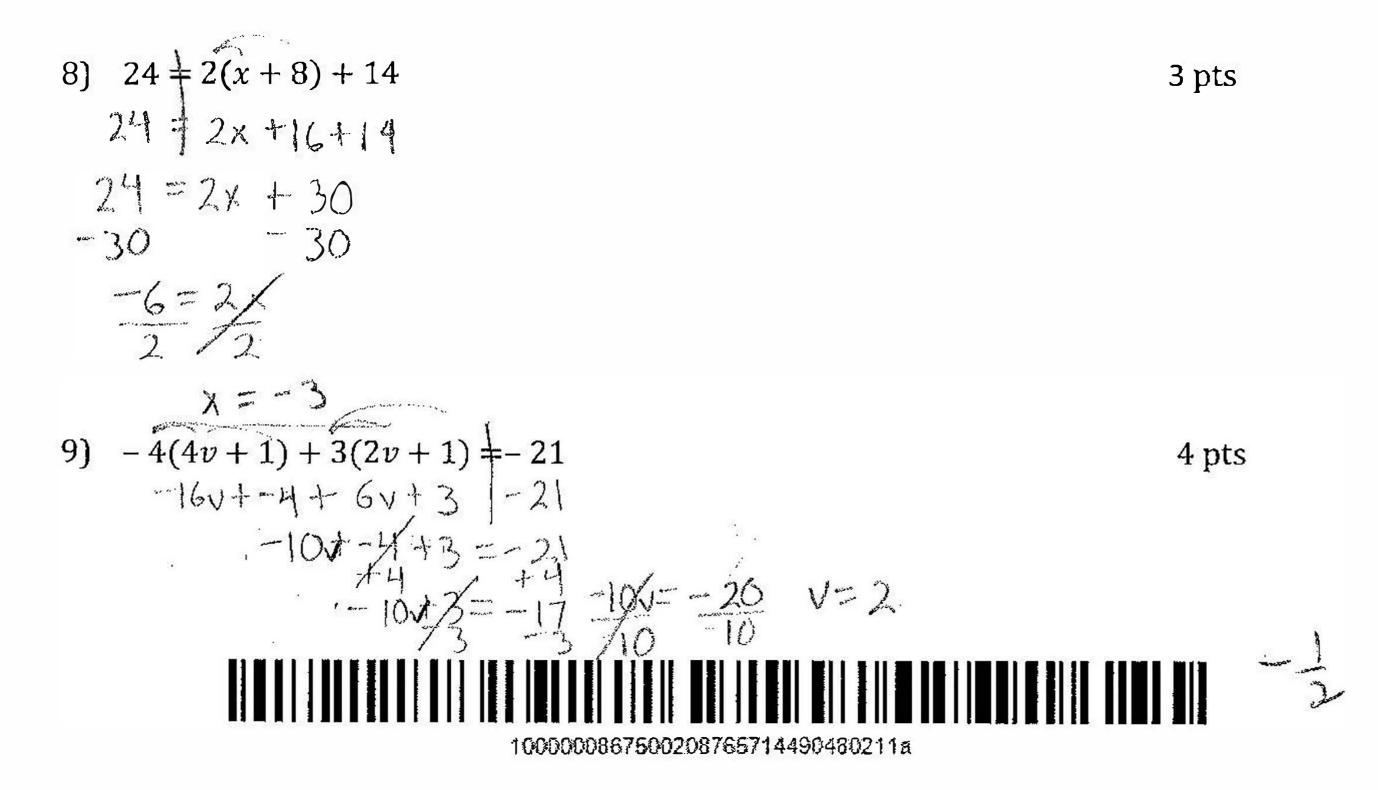
3 pts

3 pts -1 2

3 pts

+181+18

 $\frac{3}{m} = \frac{24}{3}$ m = 8



	Algebra I-CA-FE-v1.0 (Final Exam Written Portion)	
Preview Student		Page 1 of 4
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1. $4k - 10 = 26$	$\frac{a}{2} + 9 = 6$	1. 0 1 2
		2. 0 1 2
3. $6 + 2(2 + n) = 13 + 2n$	4. $61 = -3a + 8(6a + 2)$	
		3. (0) (1) (2) (3)
		4. 0 1 2 3 4
5. $-4(1-7x) = 2(8x-8)$		5. 0 1 2 3 4

For questions 1-5, solve each equation. Show ALL work for full credit For problems 6 and 7, solve AND graph each inequality. Show ALL work

6-7. $9 > n + 2$	8-9. $2x + 3 - 7x \le -22$	6. 💿
		7. 💿
		8. 0 1 2 3
│ ←───→	▲ →	9. ©



	Algebra I-CA-QZ-v1.0 (Unit 4 Graphing Quiz)	
Preview Student		Page 1 of 2
Preview Teacher		Printed: 2/6/2014
Preview Course		211.2182

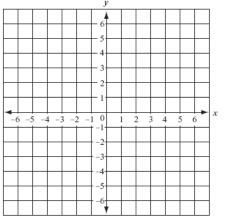
Graph the system of equations. Then, determine if the system has one solution, no solution, or infinitely many solutions. If there is one solution, name it.

1._____

0 0 0 3

2. $4x - 2y = 6$	
------------------	--

-2x + y = 1



2						
0	1	2	3	4	5	

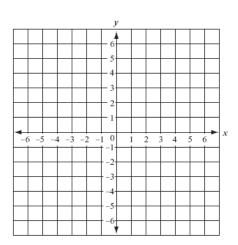


Algebra I-CA-QZ-v1.0 (Unit 4 Graphing Quiz)	
Preview Student	Page 2 of 2
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Graph the linear inequality

3. 2x + y < -3

3. 0 1 2 3 4



Graph the system of inequalities

4.
$$y > \frac{1}{2}x + 1$$

4. 0 1 2 3 4 5



 $y \leq -x + 3$

	Algebra I-CA	A-QZ-v1.0 (Ch. 4 Quest)	
Preview Student	-		Page 1 of 3
Preview Teacher			Printed: 2/6/2014
Preview Course			211.2050
Find the <i>x</i> -intercept and	d y-intercept of the	graph of each equation. DO	NOT GRAPH!!!
1-2. $6x - 4y = 12$		3-4. $-2x + 5y = -10$	
1. <i>x</i> -intercept:	0	3. x-intercept:	(0)
2. <i>y</i> -intercept:	©	4. y-intercept:	0
Find the slope of the lir	ne that passes throu	ugh the points.	
5. (4, 2) and (3, 4)		6. (5, 1) and (5, -2)	
Slope:	0 1 2 3	Slope:	0 0 2 3
Find the slope of the gi	ven graphs.		
7. Slope:	0 0 2	8. Slope:	
Identify the slope and y	<i>intercept</i> of the lir	ne with the given equation.	
9-10. $y = 8x - 3$		11-13. $2x + 9y = 9$	
	11. Slo	ope-Intercept Form	0 1 2
9. Slope: ①		12. Slope:	\odot
10. <i>y</i> -intercept:	_ 0	13. <i>y</i> -intercept: @	\mathbf{D}

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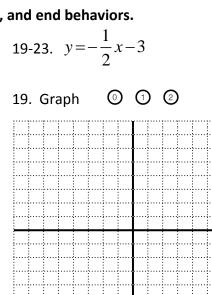
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Graph each equation and find the domain, range, and end behaviors.

14-18. y = 5x + 2

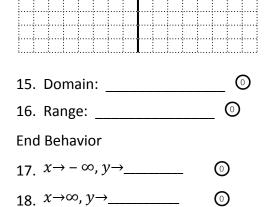
14. Graph



20. Domain: _____

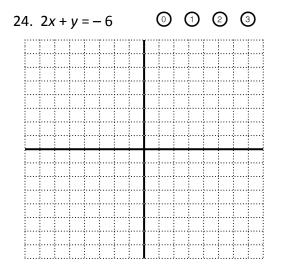
21. Range: _____

22. $x \rightarrow -\infty$, $y \rightarrow$ _____



0 0 2

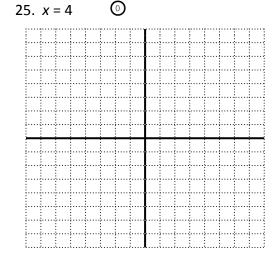
Graph each equation below.





23. $x \rightarrow \infty$, $y \rightarrow _$

End Behavior





	Algebra I-CA-QZ-v1.0 (Ch. 4 Quest)
Preview Student	Page 3 of 3
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Determine whether the equation represents a direct variation.

26. $y = 4x$		27. $y = -3x + 9$	
Direct Variation (circle answer)	0	Direct Variation (circle answer)	0
YES NO		YES NO	

MULTIPLE CHOICE Circle the correct answer. (1 point each)

28. The slope of the line that passes through the points (-2, 4) and (-3, 7) is _____.

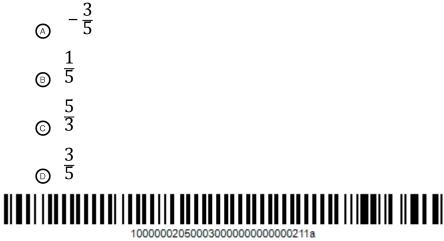
A negative
B positive
C undefined
D zero

29. What is the value for y for the line that has a slope of $-\frac{3}{2}$ and passes through the points

(3, 5) and (7, y) ?

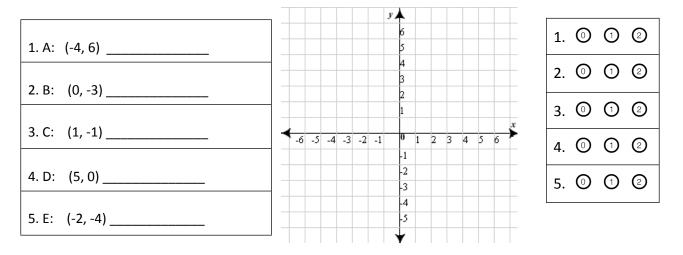
30. If the variables x and y represent a direct variation and y=5 when x = -10, which equation correctly represents this direct variation?

31. What is the slope of the line with the equation 3x - 5y = 2?



	Algebra I-CA-QZ-v1.0 (Functions Days 1-4 Quiz)
Preview Student	Page 1 of 2
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For questions 1-5, identify the quadrant or axis the points lie on. Then graph and label the points



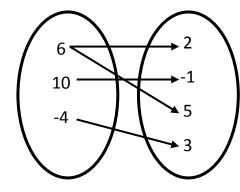
Use the functions below for questions 6-11 and evaluate at the given value.

f(x) = -2x + 3 $g(x) = 4^x$ $h(x) = x^2 + 4$

6. g(3) =	7. h(-2) =	6. 0 0 0
		7. ① ① ②
8. f(9) =	9. <i>h</i> (1) - 3 =	8. 0 0 2
		9. (0) (1) (2) (3)
10. f(3a) =	11. f(2y - 1) =	10. 0 0 0
		11.0 0 2 3



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12. Does this mapping represent a function? Why?	12. 1 12. 10
13. What is the domain of this relation?	13. ① ①
14. What is the range of this relation?	14. ③ ①
15. Write the inverse of this relation	15. 1 15.

x	У
-2	5
0	6
2	5
4	3
6	-1

16. Does this mapping represent a function? Why?	16. 0 0 2
17. What is the domain of this relation?	17. 💿 🛈
18. What is the range of this relation?	18.
19. Write the inverse of this relation	19. 🛈 🛈



	Algebra I-CA-QZ-v1.0 (3.1-3.4 Quiz)	
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Solve each equation below for the given variable.

$\frac{x}{10} = -29$	\odot \bigcirc
1)	00

2) $r - (-6) = 1$	0 1
()	

3) $-12 = 17 - a$	0 1 2
-------------------	-------

4) $-n - n = -8$	0 0 2
• /	

5) $-4 = 6k - 8k$	\odot	\mathbf{G}	ര
5) - 4 = 0k - 0k	\bigcirc	U	2

6) $x + 2x = -16 + 5x$	0	1	2	3
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Algebra I-CA-	QZ-v1.0 (3.1-3.4 Quiz)
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8) $-2 - 6k - 7k = -2 - 4k$	0 1 2 3 4
9) $8n + 36 = 6(n + 8)$	0 1 2 3 4
10) $-4(6x - 1) = 4 - 4x$	0 1 2 3 4
11) $8(p+7) = -2(-7p-7)$	0 1 2 3 4



Algebra I-CA-QZ-v1.0 (3.	1-3.4 Quiz)
Preview Student	Page 3 of 3
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12) 2(4x - 6) = 4(2x - 3)	0 1 2 3 4
13) 24 - 7r = -3(1 - 5r) + 5r	0 0 2 3 4 5

It costs \$30 a year to join Durak's House of Muscle. Each time a member enters, they must pay a fee of \$2. When a nonmember shows up, they pay a fee of \$5. After how many visits will the member's costs equal the nonmember's cost.

14) Variable	0 0
15) Equation	\odot \odot
16) Answer	0 1 2



	Algebra I-CA-FE-v1.0 (Final Exam Written Portion)	
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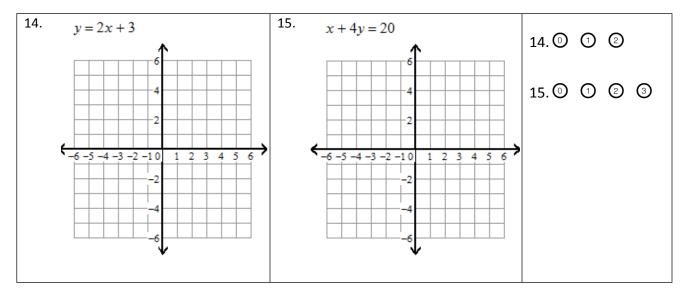
Solve the compound inequality. Do NOT graph. Show all work.

$10.12 < 4x + 4 \le 16$	10.0 0 2 3

Establish a variable, write an equation, and solve the word problem below. Be sure to label your answer.

A contractor purchases ceramic tile to remodel a kitchen floor. Each tile costs \$4, and the adhesive and grouting material costs \$17.82. If the contractor is charged a total of \$545.82, how many ceramic tiles did he purchase?	11. © 12. ©
11. Variable:	13. 🛈
12. Equation:	
13. Solution:	

Sketch the graph of each line below





	Algebra I-CA-FE-v1.0 (Final Exam Written Portion)	
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Find the slope of the line through each pair of points

16. (3, -12) and (-20, -12)	17. (-9, 14) and (-17, 16)	16. ⁽⁰⁾ ⁽¹⁾ ⁽²⁾ 17. ⁽⁰⁾ ⁽¹⁾ ⁽²⁾

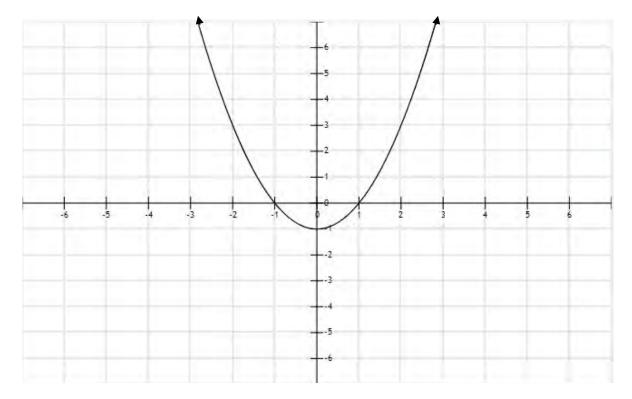
For problems 16-18, write the <u>slope-intercept form of the equation</u> of the line with the given characteristics

18. Slope = $\frac{1}{2}$ y –intercept = -5	18. 1
19. Slope = 2 through the point $(3, 4)$	
	19. (0) (1) (2) (3)
20. Through the points (– 5, – 3) and (– 1, 1)	20. 0 1 2 3 4



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Use the graph below to answer questions 21-26.



21.Domain:	21. ①
22. Range:	22. 🛈
23. $x \rightarrow -\infty, f(x) \rightarrow _$	23. 🛈
24. $x \to \infty, f(x) \to _$	24. 🛈
	25. (0) (1) (2)
25. x-intercept(s):	26. 🛈
26. y-intercept(s):	

