تجميعة أسئلة وفق الهيكل الوزاري الجديد منهج ريفيل

تم تحميل هذا الملف من موقع المناهج الإماراتية	
موقع المناهج ⇦ المناهج الإماراتية ⇦ الصف التاسع المتقدم ⇦ رياضيات ⇦ الفصل الأول ⇦ ملفات متنوعة ⇦ الملف	
تاريخ إضافة الملف على موقع المناهج: 2025-10-24 12:43:15	
ملفات ا كتب للمعلم ا كتب للطالب ا اختبارات الكترونية ا اختبارات ا حلول ا عروض بوربوينت ا أوراق عمل منهج انجليزي ا ملخصات وتقارير ا مذكرات وبنوك ا الامتحان النهائي ا للمدرس	المزيد من مادة رياضيات:
إعداد: Amro Abdulkader	

التواصل الاجتماعي بحسب الصف التاسع المتقدم					
صفحة المناهج الإماراتية على فيسبوك					
المواد على تلغرام	التربية الاسلامية	اللغة العربية	اللغة الانجليزية	الرياضيات	

المزيد من الملفات بحسب الصف التاسع المتقدم والمادة رياضيات في الفصل الأول	
ملزمة تجميعة أسئلة شاملة وفق الهيكل الوزاري الجديد منهج ريفيل	1
مراجعة الدروس الثلاث الأولى	2
حل مراجعة الوحدة الثالثة معادلات الدوال الخطية	3
أوراق عمل مراجعة الوحدة الثالثة معادلات الدوال الخطية متبوعة بالحلول	4
أوراق عمل مراجعة الوحدة الثانية المعادلات الخطية	5

Grade 9 Advanced-Math Reveal - Coverage T1 Y2025-2026 Beda Al Mutawa School (D18-10-2025)
Student Name: Date:

Academic Year	2025-2026		Term	1		Subject	Math\Reveal
Grade\stream	9\Advanced		Number Of MCQ	20		Marks Of MCQ	(2-4)
Maximum over Grade	100		Number Of FRQ	6		Marks Of FRQ	(5-10)
Exam Duration	150 min		Mode of Implementation		SwiftAssess & Paper-Based		
Calculator	Allowed		الآلة الحاسبة		مسموحة		

	Question السؤال	Lesson الدرس	Example/Exercise مثال/تمرين	Page الصفحة
الأسئلة الموضوعية - MCQ	1	**Solve multi-step linear inequalities**	**(16-21)**	**354**
	2	**Solve equations involving more than one operation**	**(1-12)**	**88**
	3	**Calculate and interpret slope**	**(38-45)**	**226**
	4	**Solve and graph linear inequalities containing the word and**	**(1-10)**	**363**
	5	**Solve proportions**	**(61-66)**	**115**
	6	**Graph the solutions of linear inequalities in two variables.**	**(1-8)**	**379**
	7	**Solve multi-step linear inequalities**	**(16-21)**	**354**
	8	**Solve absolute value equations**	**(11-18)**	**105**
	9	**Graph and interpret linear functions.**	**(15-18),(29-30)**	**235,236**
	10	**Create and identify equations of parallel or perpendicular lines.**	**(25-30)**	**304**
	11	**Identify and graph piecewise-defined function**	**ex1 -18 (a,b,c,d)**	**259 – 265**
	12	**Translate sentences into equations**	**(9-14)**	**71**
	13	**Solve absolute value expressions**	**(19-21)**	**106**
	14	**Graph and interpret linear functions.**	**check A,B,C,D,E,F (37-39)**	**233 236**
	15	**Apply the arithmetic sequence formula**	**(19-22)**	**255**
	16	**Apply translations tolinear functions**	**(1-6)**	**247**
	17	**Graph the solutions of an equality**	**ex1,ex4 (13-20)**	**341,343 347**
	18	**Find inverses of linear functions**	**(16-21)**	**332**
	19	**Write an equation of a line in slope-intercept form given two points**	**(11-16)**	**291**
	20	**Solve linear inequalities by using addition**	**ex2,ex3 (16-21)**	**352 354**
FRQ - الأسئلة المقالية	21	**Prove that equations are identities or have no solution**	**(25-36)**	**98**
	22	**Graph linear functions by using the x- and y-intercepts**	**(9-14)**	**216**
	23	**Solve equations for specific variables.**	**(19-22)**	**125**
	24	**Create and identify equations of parallel or perpendicular lines**	**(31-36)**	**304**
	25	**Calculate and interpret rate of change. Apply translations to absolute value functions**	**(7-12)**	**277**
	26	**Solve absolute value inequalities (>)**	**(7-12)**	**371**

"Attached are the Mathematics structure questions – Please ensure the correctness of the questions and page numbers from the structure guide in the LMS and the student textbook – I wish you all the best and success."

مرفق أسئلة هيكل الرياضيات - الرجاء التأكد من صحة الأسئلة وأرقام الصفحات من الهيكل في بوابة التعلم الذكي والكتاب المدرسي - أتمنى لكم التوفيق والنجاح.

Mr. Abdulkader Amro 0566028336

الأسئلة الموضوعية - MCQ			
1	**Solve multi-step linear inequalities**	**(16-21)**	**354**

Lesson 6-2 Solving Multi-Step Inequalities

Solve each inequality. Then graph the solution on a number line.

16. $-3(7n + 3) < 6n$

17. $21 \geq 3(a - 7) + 9$

18. $2y + 4 > 2(3 + y)$

19. $3(2 - b) < 10 - 3(b - 6)$

20. $7 + t \leq 2(t + 3) + 2$

21. $8a + 2(1 - 5a) \leq 20$

الأسئلة الموضوعية - MCQ			
2	**Solve equations involving more than one operation**	**(1-12)**	**88**

Lesson 2-3 Solving Multi-Step Equations

Use properties of equality to solve each equation. Check your solution.

1. $3t + 7 = -8$

2. $8 = 16 + 8n$

3. $-34 = 6m - 4$

4. $9x + 27 = -72$

5. $\frac{y}{5} - 6 = 8$

6. $\frac{f}{-7} - 8 = 2$

7. $1 + \frac{r}{9} = 4$

8. $\frac{k}{3} + 4 = -16$

9. $\frac{n-2}{7} = 2$

10. $14 = \frac{6+z}{-2}$

11. $-11 = \frac{a-5}{6}$

12. $\frac{22-w}{3} = -7$

الأسئلة الموضوعية - MCQ			
3	**Calculate and interpret slope**	**(38-45)**	**226**

Lesson 4-2 Rate of Change and Slope

Find the value of *r* so the line that passes through each pair of points has the given slope.

38. (12, 10), (−2, *r*), $m = -4$

39. (*r*, −5), (3, 13), $m = 8$

40. (3, 5), (−3, *r*), $m = \frac{3}{4}$

41. (−2, 8), (*r*, 4), $m = -\frac{1}{2}$

42. (*r*, 3), (5, 9), $m = 2$

43. (5, 9), (*r*, −3), $m = -4$

44. (*r*, 2), (6, 3), $m = \frac{1}{2}$

45. (*r*, 4), (7, 1), $m = \frac{3}{4}$

الأسئلة الموضوعية - MCQ			
4	**Solve and graph linear inequalities containing the word and**	**(1-10)**	**363**

Lesson 6-3 Solving Compound Inequalities

Solve each compound inequality. Then graph the solution set.

1. $f - 6 < 5$ and $f - 4 \geq 2$

2. $n + 2 \leq -5$ and $n + 6 \geq -6$

3. $y - 1 \geq 7$ or $y + 3 < -1$

4. $t + 14 \geq 15$ or $t - 9 < -10$

5. $-5 < 3p + 7 \leq 22$

6. $-3 \leq 7c + 4 < 18$

7. $5h - 4 \geq 6$ and $7h + 11 < 32$

8. $22 \geq 4m - 2$ or $5 - 3m \leq -13$

9. $-y + 5 \geq 9$ or $3y + 4 < -5$

10. $-4a + 13 \geq 29$ and $10 < 6a - 14$

الأسئلة الموضوعية - MCQ			
5	**Solve proportions**	**(61-66)**	**115**

Lesson 2-6 Solving Proportions

Solve each proportion. If necessary, round to the nearest hundredth.

61. $\frac{m-2}{4} = \frac{5}{20}$

62. $\frac{9}{5} = \frac{3}{x+7}$

63. $\frac{5}{b} = \frac{3}{b-6}$

64. $\frac{2p+3}{3} = \frac{4p-7}{2}$

65. $\frac{3y+4}{5} = \frac{y-1}{4}$

66. $\frac{2}{w} = \frac{7}{w+5}$

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الأسئلة الموضوعية - MCQ			
6	**Graph the solutions of linear inequalities in two variables.**	**(1-8)**	**379**

Lesson 6-5 Graphing Inequalities in Two Variables

Graph each inequality.

1. $y < x - 3$

2. $y > x + 12$

3. $y \geq 3x - 1$

4. $y \leq -4x + 12$

5. $6x + 3y > 12$

6. $2x + 2y < 18$

7. $5x + y > 10$

8. $2x + y < -3$

الأسئلة الموضوعية - MCQ			
7	**Solve multi-step linear inequalities**	**(16-21)**	**354**

Lesson 6-2 Solving Multi-Step Inequalities

Solve each inequality. Then graph the solution on a number line.

16. $-3(7n + 3) < 6n$

17. $21 \geq 3(a - 7) + 9$

18. $2y + 4 > 2(3 + y)$

19. $3(2 - b) < 10 - 3(b - 6)$

20. $7 + t \leq 2(t + 3) + 2$

21. $8a + 2(1 - 5a) \leq 20$

الأسئلة الموضوعية - MCQ			
8	**Solve absolute value equations**	**(11-18)**	**105**

Lesson 2-5 Solving Equations Involving Absolute Value

Solve each equation.

11. $|7 - 2q| = 3$

12. $|4x - 2| = 26$

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13. $|w + 1| = 5$

14. $|n + 2| = -1$

15. $|m - 2| = 2$

16. $|5c - 3| = 1$

17. $|2t + 6| = 4$

18. $|8k - 5| = -4$

الأسئلة الموضوعية - MCQ			
9	**Graph and interpret linear functions.**	**(15-18),(29-30)**	**235,236**

Lesson 4-3 Slope-Intercept Form

15. SAVINGS Wade's grandmother gave him $100 for his birthday. Wade wants to save his money to buy a portable game console that costs $275. Each month, he adds $25 to his savings. Write an equation in slope-intercept form to represent Wade's savings *y* after *x* months.

16. FITNESS CLASSES Toshelle wants to take strength training classes at the community center. She has to pay a one-time enrollment fee of $25 to join the community center, and then $45 for each class she wants to take. Write an equation in slope-intercept form for the cost of taking *x* classes.

17. EARNINGS Macario works part time at a clothing store in the mall. He is paid $9 per hour plus 12% commission on the items he sells in the store. Write an equation in slope-intercept form to represent Macario's hourly wage *y*.

18. ENERGY From 2002 to 2005, U.S. consumption of renewable energy increased an average of 0.17 quadrillion BTUs per year. About 6.07 quadrillion BTUs of renewable power were produced in the year 2002. Write an equation in slope-intercept form to find the amount of renewable power *P* in quadrillion BTUs produced in year *y* between 2002 and 2005.

29. **STREAMING** An online company charges $13 per month for the basic plan. They offer premium channels for an additional $8 per month.

a. Write an equation in slope-intercept form for the total cost c of the basic plan with p premium channels in one month.

b. Graph the equation.

c. What would the monthly cost be for a basic plan plus 3 premium channels?

30. **CAR CARE** Suppose regular gasoline costs $2.76 per gallon. You can purchase a car wash at the gas station for $3.

a. Write an equation in slope-intercept form for the total cost y of purchasing a car wash and x gallons of gasoline.

b. Graph the equation.

c. Find the cost of purchasing a car wash and 8 gallons of gasoline.

الأسئلة الموضوعية - MCQ			
10	**Create and identify equations of parallel or perpendicular lines.**	**(25-30)**	**304**

Lesson 5-2 Writing Equations in Standard and Point-Slope Forms

Write an equation in slope-intercept form for the line that passes through the given point and is parallel to the graph of the equation. Then write an equation for the line that passes through the given point and is perpendicular to the graph of the equation.

25. $(3, -2); y = x + 4$

26. $(4, -3); y = 3x - 5$

27. $(0, 2); y = -5x + 8$

28. $(-4, 2); y = -\frac{1}{2}x + 6$

29. $(-2, 3); y = -\frac{3}{4}x + 4$

30. $(9, 12); y = 13x - 4$

الأسئلة الموضوعية - MCQ			
11	**Identify and graph piecewise-defined function**	**ex1 -18 (a,b,c,d)**	**259 – 265**

Lesson 4-6 Piecewise and Step Functions

Example 1 Graph a Piecewise-Defined Function

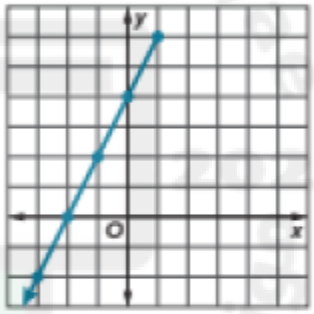
To graph a piecewise-defined function, graph each "piece" separately.

Graph $f(x) = \begin{cases} 2x + 4 \text{ if } x \leq 1 \\ -x + 3 \text{ if } x > 1 \end{cases}$. **State the domain and range.**

First, graph $f(x) = 2x + 4$ if $x \leq 1$.

- Create a table for $f(x) = 2x + 4$ using values of $x \leq 1$.
- Because x is *less than or equal to* 1, place a dot at (1, 6) to indicate that the endpoint is included in the graph.
- Then, plot the points and draw the graph beginning at (1, 6).

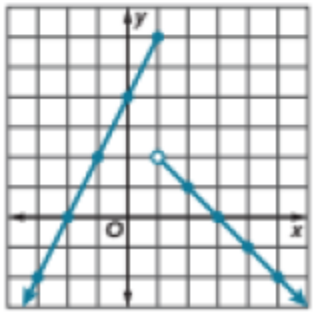
x	y
1	6
0	4
−1	2
−2	0
−3	−2



Next, graph $f(x) = -x + 3$ if $x > 1$.

- Create a table for $f(x) = -x + 3$ using values of $x > 1$.
- Because x is *greater than but not equal to* 1, place a circle at (1, 2) to indicate that the endpoint is not included in the graph.
- Then, plot the points and draw the graph beginning at (1, 2).

x	y
1	2
2	1
3	0
4	−1
5	−2



The domain is all real numbers. The range is $y \leq 6$.

18. STRUCTURE Suppose $f(x) = 2[x - 1]$.

a. Find $f(1.5)$.

b. Find $f(2.2)$.

c. Find $f(9.7)$.

d. Find $f(-1.25)$.

الأسئلة الموضوعية - MCQ			
12	**Translate sentences into equations**	**(9-14)**	**71**

Lesson 2-1 Writing and Interpreting Equations

Translate each sentence into an equation or formula.

9. Twice a increased by the cube of a equals b.

10. Seven less than the sum of p and t is as much as 6.

11. The sum of x and its square is equal to y times z.

12. Four times the sum of f and g is identical to six times g.

13. The area A of a square is the length of a side ℓ squared.

14. The perimeter P of a triangle is equal to the sum of the lengths of sides a, b, and c.

الأسئلة الموضوعية - MCQ			
13	**Solve absolute value expressions**	**(19-21)**	**106**

Lesson 2-5 Solving Equations Involving Absolute Value

19. ENGINEERING *Tolerance* is an allowance made for imperfections in a manufactured object. The manufacturer of an oven specifies a temperature tolerance of ±15°F. This means that the temperature inside the oven will be within 15°F of the temperature to which it is set. Write and solve an absolute value equation to find the maximum and minimum temperatures inside the oven when the thermostat is set to 400°F.

20. POLLS Candidate A and Candidate B are running for mayor. A poll was taken to determine which candidate would likely win the election. The poll is accurate within ±5%. Write and solve an absolute value equation to find the maximum and minimum percent of voters who will vote for Candidate A if 38% of the voters in the poll voted for Candidate A.

21. STATISTICS The most familiar statistical measure is the arithmetic mean, or average. A second important statistical measure is the standard deviation, which is a measure of how far the data are from the mean. For example, the mean score on the Wechsler IQ test is 100 and the standard deviation is 15. This means that people within one standard deviation of the mean have IQ scores that are 15 points higher or lower than the mean.

a. One year, the mean mathematics score on the ACT test was 20.9 with a standard deviation of 5.3. Write an absolute value equation to find the maximum and minimum scores within one standard deviation of the mean.

b. What is the range of ACT mathematics scores within one standard deviation of the mean? within two standard deviations of the mean?

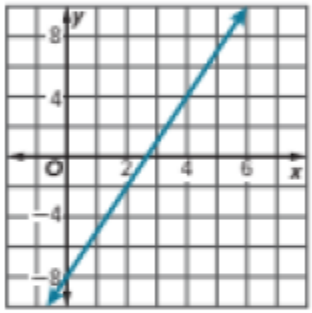
الأسئلة الموضوعية - MCQ			
14	**Graph and interpret linear functions.**	**check A,B,C,D,E,F (37-39)**	**233 236**

Lesson 4-3 Slope-Intercept Form

Match each graph with its equation.

? $y = 8$	? $3x + 7y = -28$	? $y = \frac{3}{7}x - 4$
? $y = -4$	? $y = -3x + 8$	? $3x - y = 8$

A.



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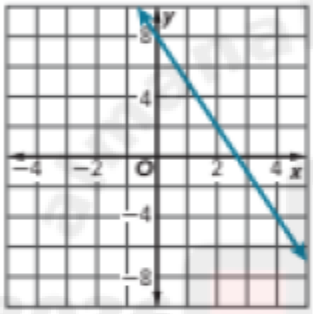

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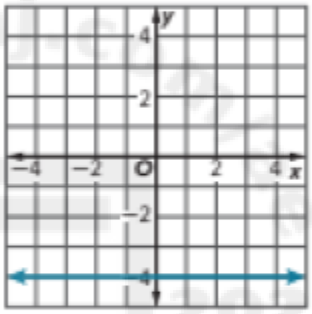

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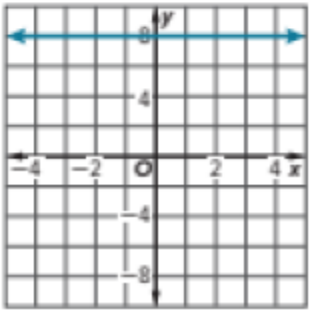

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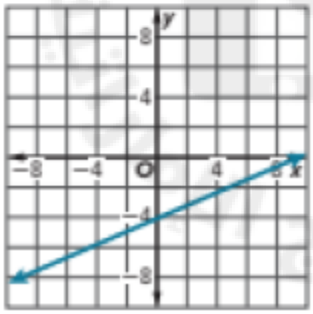
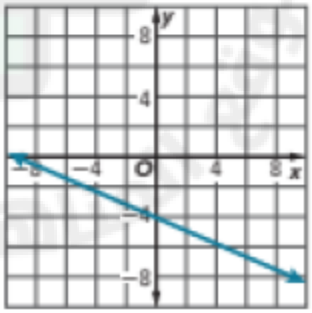
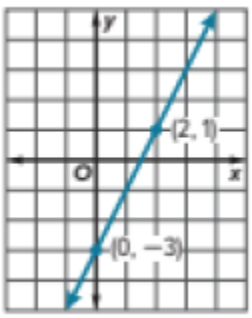


F.

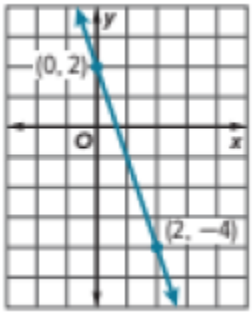


Write an equation in slope-intercept form for each graph shown.

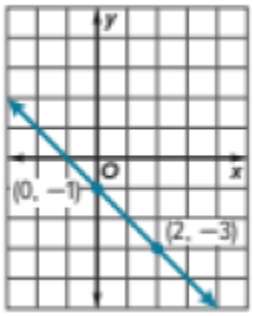
37.



38.



39.



الأسئلة الموضوعية - MCQ			
15	**Apply the arithmetic sequence formula**	**(19-22)**	**255**

Lesson 4-5 Arithmetic Sequences

Use the given arithmetic sequence to write an equation and then find the 7th term of the sequence.

19. –3, –8, –13, –18, ...

20. –2, 3, 8, 13, ...

21. –11, –15, –19, –23, ...

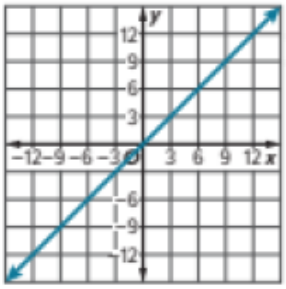
22. −0.75, –0.5, –0.25, 0, ...

الأسئلة الموضوعية - MCQ			
16	**Apply translations tolinear functions**	**(1-6)**	**247**

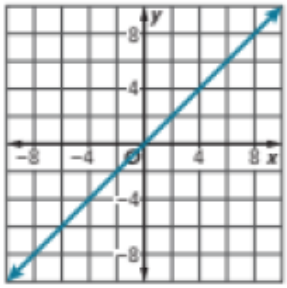
Lesson 4-4 Transformations of Linear Functions

Describe the translation in each function as it relates to the graph of the parent function.

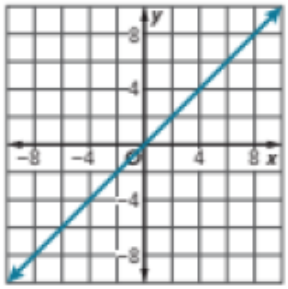
1. $g(x) = x + 11$



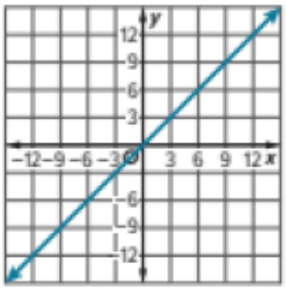
2. $g(x) = x - 8$



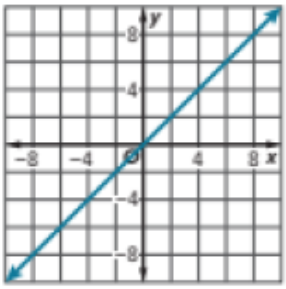
3. $g(x) = (x - 7)$



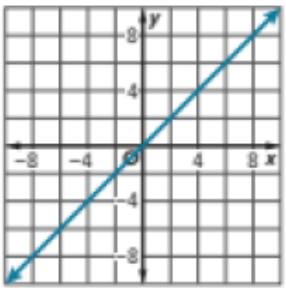
4. $g(x) = (x + 12)$



5. $g(x) = (x + 10) - 1$



6. $g(x) = (x - 9) + 5$



الأسئلة الموضوعية - MCQ			
17	**Graph the solutions of an equality**	**ex1,ex4 (13-20)**	**341,343 347**

Lesson 6-1 Solving One-Step Inequalities

Example 1 Graph Inequalities

Graph the solution set of $y \leq 4$.

The dot at 4 shows that 4 is a solution. The heavy arrow pointing to the left shows that the solution includes all numbers less than 4.

Example 4 Solve Inequalities by Subtracting

Solve $x + 24 \geq 61$.

$x + 24 \geq 61$	Original inequality
$x + 24 - 24 \geq 61 - 24$	Subtract 24 from each side.
$x \geq 37$	Simplify.

The solution set is $\{x \mid x \geq 37\}$.

Solve each inequality.

13. $m - 4 < 3$

14. $p - 6 \geq 3$

15. $r - 8 \leq 7$

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16. $t - 3 > -8$

17. $b + 2 \geq 4$

18. $13 > 18 + r$

19. $5 + c \leq 1$

20. $-23 \geq q - 30$

الأسئلة الموضوعية - MCQ			
18	**Find inverses of linear functions**	**(16-21)**	**332**

Lesson 5-6 Inverses of Linear Functions

Find the inverse of each function.

16. $f(x) = 8x - 5$

17. $f(x) = 6(x + 7)$

18. $f(x) = \frac{3}{4}x + 9$

19. $f(x) = -16 + \frac{2}{5}x$

20. $f(x) = \frac{3x + 5}{4}$

21. $f(x) = \frac{-4x + 1}{5}$

الأسئلة الموضوعية - MCQ			
19	**Write an equation of a line in slope-intercept form given two points**	**(11-16)**	**291**

Lesson 5-1 Writing Equations in Slope-Intercept Form

Write an equation of the line that passes through each pair of points.

11. (0, −4), (5, −4)

12. (−4, −2), (4, 0)

13. (−2, −3), (4, 5)

14. (0, 1), (5, 3)

15. (−3, 0), (1, −6)

16. (1, 0), (5, −1)

الأسئلة الموضوعية - MCQ			
20	**Solve linear inequalities by using addition**	**ex2,ex3 (16-21)**	**352 354**

Lesson 6-2 Solving Multi-Step Inequalities

Example 2 Write and Solve a Multi-Step Inequality

Consider the inequality *The opposite of a number divided by two minus seventeen is less than seven.*

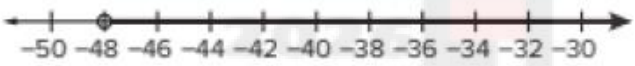
Translate the sentence into an inequality.

$$-\frac{x}{2} - 17 < 7$$

Solve the inequality.

$-\frac{x}{2} - 17 < 7$	Original inequality
$-\frac{x}{2} < 24$	Add 17 to each side.
$-x < 48$	Multiply each side by 2.
$x > -48$	Divide each side by −1, reversing the inequality symbol.

Graph the solution on a number line.

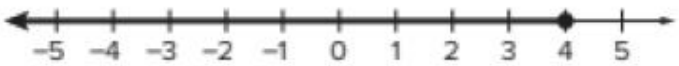


Example 3 Solve an Inequality with the Distributive Property

Solve the inequality $4(2x - 11) \leq -12 + 2(x - 4)$. Then graph the solution on a number line.

$4(2x - 11) \leq -12 + 2(x - 4)$	Original inequality
$8x - 44 \leq -12 + 2x - 8$	Distributive Property
$8x - 44 \leq -20 + 2x$	Simplify.
$8x \leq 24 + 2x$	Add 44 to each side.
$6x \leq 24$	Subtract $2x$ from each side.
$x \leq 4$	Divide each side by 6.

Graph $x \leq 4$ on a number line.



Solve each inequality. Then graph the solution on a number line.

16. $-3(7n + 3) < 6n$

17. $21 \geq 3(a - 7) + 9$

18. $2y + 4 > 2(3 + y)$

19. $3(2 - b) < 10 - 3(b - 6)$

20. $7 + t \leq 2(t + 3) + 2$

21. $8a + 2(1 - 5a) \leq 20$

الأسئلة المقالية - FRQ			
21	**Prove that equations are identities or have no solution**	**(25-36)**	**98**

Lesson 2-4 Solving Equations with the Variable on Each Side

Solve each equation and state whether the equation has *one solution*, *no solution*, or is an *identity*.

25. $-6y - 3 = 3 - 6y$

26. $\frac{1}{2}(x + 6) = \frac{1}{2}x - 9$

27. $8q + 12 = 4(3 + 2q)$

28. $21(x + 1) - 6x = 15x + 21$

29. $12y + 48 - 4y = 8(y - 6)$

30. $8(z + 6) = 4(2z + 12)$

31. $2a + 2 = 3(a + 2)$

32. $\frac{1}{4}x + 5 = \frac{1}{4}x$

33. $7(c + 9) = 7c + 63$

34. $4k + 3 = \frac{1}{4}(8k + 16)$

35. $3b - 13 + 4b = 7b + 1$

36. $\frac{1}{2}(\frac{1}{2}m - 8) = \frac{1}{4}(m - 16)$

الأسئلة المقالية - FRQ			
22	**Graph linear functions by using the x- and y-intercepts**	**(9-14)**	**216**

Lesson 4-1 Graphing Linear Functions

Graph each equation by using the *x*-and *y*-intercepts.

9. $y = 4 + 2x$

10. $5 - y = -3x$

11. $x = 5y + 5$

12. $x + y = 4$

13. $x - y = -3$

14. $y = 8 - 6x$

الأسئلة المقالية - FRQ			
23	**Solve equations for specific variables.**	**(19-22)**	**125**

Lesson 2-7 Using Formulas

19. RECTANGLES The formula $P = 2\ell + 2w$ represents the perimeter of a rectangle. In this formula, ℓ is the length of the rectangle and w is the width.

a. Solve the formula for ℓ.

b. Find the length when the width is 4 meters and the perimeter is 36 meters.

20. BASEBALL The formula $a = \frac{h}{b}$ can be used to find the batting average a of a batter who has h hits in b times at bat.

a. Solve the formula for b.

b. If a batter has a batting average of 0.325 and has 39 hits, how many times has the player been at bat?

21. SHOPPING Thomas went to the store to buy videogames for $13.50 each and controllers. The total amount Thomas spent can be represented by $c = 13.50g + p$, where c is the total cost, g is the number of games he bought, and p is the cost of the controllers. The controllers cost $55 and Thomas spent $136 total.

a. Solve the equation for g.

b. Find how many games Thomas bought.

22. GEOMETRY The volume of a box V is given by the formula $V = \ell wh$, where ℓ is the length, w is the width, and h is the height.

a. Solve the formula for h.

b. What is the height of a box with a volume of 50 cubic meters, length of 10 meters, and width of 2 meters?

الأسئلة المقالية - FRQ			
24	**Create and identify equations of parallel or perpendicular lines**	**(31-36)**	**304**

Lesson 5-2 Writing Equations in Standard and Point-Slope Forms

Determine whether the graphs of each pair of equations are *parallel*, *perpendicular*, or *neither*.

31. $y = 4x + 3$
$4x + y = 3$

32. $y = -2x$
$2x + y = 3$

33. $3x + 5y = 10$
$5x - 3y = -6$

34. $-3x + 4y = 8$
$-4x + 3y = -6$

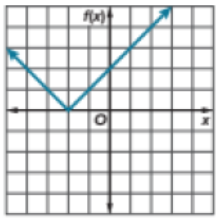
35. $2x + 5y = 15$
$3x + 5y = 15$

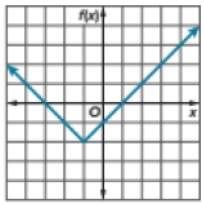
36. $2x + 7y = -35$
$4x + 14y = -42$

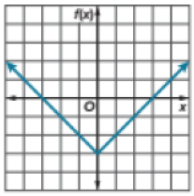
الأسئلة المقالية - FRQ			
25	**Calculate and interpret rate of change. Apply translations to absolute value functions**	**(7-12)**	**277**

Lesson 4-7 Absolute Value Functions

Use the graph of the function to write its equation.

7. 

8. 

9. 

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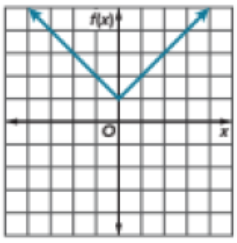
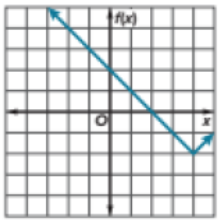
11. 

12. 

الأسئلة المقالية - FRQ			
26	**Solve absolute value inequalities (>)**	**(7-12)**	**371**

Lesson 6-4 Solving Absolute Value Inequalities

Solve each inequality. Then graph the solution set.

7. $|r + 2| > 6$

8. $|k - 4| > 3$

9. $|2h - 3| \geq 9$

10. $|4p + 2| \geq 10$

11. $|5v + 3| > -9$

12. $|-2c - 3| > -4$