نموذج امتحان عام ريفيل



تم تحميل هذا الملف من موقع المناهج الإماراتية	
موقع المناهج ⇦ المناهج الإماراتية ⇦ الصف الثامن ⇦ رياضيات ⇦ الفصل الأول ⇦ الامتحان النهائي ⇦ الملف	
تاريخ إضافة الملف على موقع المناهج: 2026-11-21 21:22:40	
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: Aghead .Mr	

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

المزيد من الملفات بحسب الصف الثامن والمادة رياضيات في الفصل الأول	
1	نموذج امتحان عام ريفيل
2	نموذج امتحان عام بريدج
3	حلول هيكل اختبار نهاية الفصل
4	أوراق عمل تدريبات
5	حل أسئلة تغطية اختبار نهاية الفصل الثامن المتقدم

تحميل تطبيق المناهج للهواتف الذكية	
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وزارة التربية والتعليم
MINISTRY OF EDUCATION

نموذج امتحان رياضيات
الصف الثامن عام
الفصل الدراسي الأول 2027-2026
ريفيل

اِحجِزْ مَكانَكَ وَاستَعِدَّ لِلْامتِحَانِ بِثِقَةٍ كَامِلَةٍ

احصل على الشرح الكامل للصف من خلال:

التواصل والحجز عبر الـ Whatsapp
اضغط على الرقم: 0566991363



للتواصل والحجز

للانتقال إلى المواقع
اضغط هنا

شرح الدروس

انضم للقناة

Mr. Aghead

يمكنكم الحصول على



احصل على الشرح الكامل للصف من خلال:
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لا تتردد في التواصل
معنا قم بمسح الـ QR

Part 1: Multiple Choice Questions (MCQ)

Question 1: Write $-\frac{11}{16}$ in decimal form. Then determine whether it is terminating or repeating.

A. -0.6875 (Terminating)
B. $-0.6875\ldots$ (Repeating)
C. -0.65 (Terminating)
D. -0.7125 (Terminating)

Question 2: Write the expression using exponents: $(-7) \cdot (-7) \cdot 5 \cdot 5 \cdot 5 \cdot 5 =$

A. $(-7)^2 \cdot 5^4$
B. $(-7)^4 \cdot 5^2$
C. $-7^2 \cdot 5^4$
D. $(-7) \cdot 5^5$

Question 3: Simplify: $3m^3\, n^2 \cdot 8mn^3 =$

A. $24m^3\, n^5$
B. $11m^4\, n^5$
C. $24m^4\, n^5$
D. $24m^4\, n^6$

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Question 4: Simplify: $\frac{45x^{15}}{9x^{10}} =$

A. $5x^5$
B. $5x^{25}$
C. $36x^5$
D. $5x^{1.5}$

Question 5: Simplify: $(2m^5)^6 =$

A. $12m^{30}$
B. $64m^{30}$
C. $64m^{11}$
D. $2m^{30}$

Question 6: Write in scientific notation: $2{,}204{,}000{,}000 =$

A. 2.204×10^9
B. 22.04×10^8
C. 2.204×10^8
D. 2.204×10^{10}

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Question 7: A basin of a water fountain is cube shaped and has a volume of 91.125 cubic feet. Solve $s^3 = 91.125$ to find the length s of one side of the basin.

A. 3.5 feet
B. 4.5 feet
C. 5.5 feet
D. 9.5 feet

Question 8: Simplify using rational numbers: $-\sqrt{(\frac{9}{16})}$

A. $-\frac{3}{4}$
B. $\frac{3}{4}$
C. $\frac{9}{16}$
D. $-\frac{3}{8}$

Question 9: Name all the sets of real numbers to which $\sqrt[3]{343}$ belongs.

A. Natural, Whole, Integer, Rational, and Real
B. Irrational and Real only
C. Rational and Real only
D. Integer, Rational, and Real only

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Question 10: Solve the equation. Check your solution: $-g + 2(3 + g) = -4(g + 1)$

A. $g = -2$
B. $g = 2$
C. $g = 1$
D. $g = 4$

Question 11: Mrs. Hill is designing a rectangular vegetable garden for her backyard. The width of the garden is $11\frac{1}{2}$ feet shorter than twice its length. If the perimeter of the garden is 37 feet, which equation models the perimeter of the garden, where l represents the length in feet?

A. $37 = l + (2l - 11\frac{1}{2})$
B. $37 = 2l + 2(2l - 11\frac{1}{2})$
C. $37 = 2l + 2(l - 11\frac{1}{2})$
D. $37 = 2l + (2l + 11\frac{1}{2})$

Question 12: How many solutions does the equation $3x + 4 = 3x$ have?

A. One solution, $x = 4$
B. One solution, $x = 0$
C. Infinitely many solutions
D. No solution

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Question 13: Complete the equation so that it has infinitely many solutions: $2x - 7(x + 10) = \square x - \square$

A. $-5, 70$
B. $5, -70$
C. $-5, -70$
D. $-7, -50$

Question 14: Marko has 45 comic books in his collection, and Tamara has 61 comic books. Marko buys 4 new comic books each month and Tamara buys 2 comic books each month. After how many months will Marko and Tamara have the same number of comic books?

A. 6 months
B. 4 months
C. 8 months
D. 2 months

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Question 15: The graph shows the amount of book sales over several days passing through $(0, 0)$ and $(3, 1000)$. Find and interpret the slope. Then find the unit rate and compare it to the slope.

A. The slope is $\frac{1000}{3}$ and unit rate is 333.3; both the unit rate and the slope have the same value.
B. The slope is $\frac{1000}{3}$ and unit rate is 100.3 and the slope is greater than the unit rate.
C. The slope is $\frac{100}{3}$ and unit rate is 333.3 but the slope has a different value.
D. The slope is $\frac{3}{1000}$ and unit rate is 333.3; both the unit rate and the slope have the same value.



Question 16: In mathematics, how is the slope of a line defined?

A. $slope = \frac{run}{rise}$
B. $slope = rise \times run$
C. $slope = \frac{rise}{run}$
D. $slope = rise - run$

Question 17: The points given in the table lie on a line. Find the slope of the line.

x	-1	2	5	8
y	3	-1	-5	-9

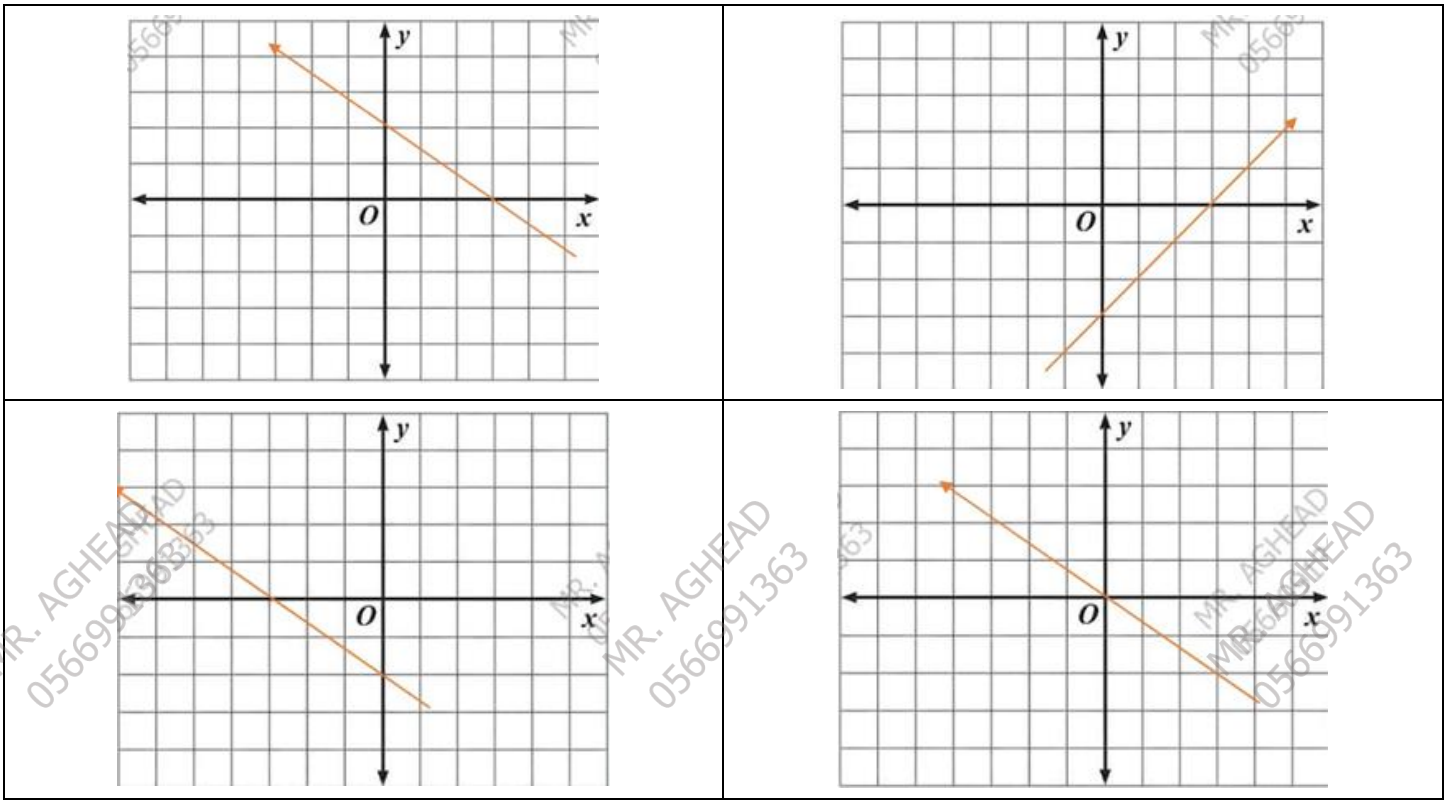
A. $-\frac{3}{2}$
B. $-\frac{3}{4}$
C. $-\frac{4}{3}$
D. $\frac{1}{2}$

Question 18: Identify the slope and y-intercept of the graph of the equation: $y = \frac{1}{2}x - 5$

A. $m = \frac{1}{2}, b = -5$
B. $m = 3, b = -1$
C. $m = \frac{1}{2}, b = -3$
D. $m = \frac{1}{2}, b = -1$

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Question 19: To graph the equation $y = \frac{3}{5}x - 3$ using the slope and y-intercept, which description correctly identifies the graph?



Question 20: Order the set $\{3\frac{1}{2}, \frac{10}{3}, \pi, \sqrt{13}\}$ from least to greatest.

A. $\pi, \frac{10}{3}, 3\frac{1}{2}, \sqrt{13}$
B. $\frac{10}{3}, \pi, 3\frac{1}{2}, \sqrt{13}$
C. $\pi, 3\frac{1}{2}, \frac{10}{3}, \sqrt{13}$
D. $\sqrt{13}, 3\frac{1}{2}, \frac{10}{3}, \pi$

Part 2: Free Response Questions (FRQ)

Question 21: Simplify each expression using a positive exponent:

1) $9^4 \cdot 9^{-6} =$

2) $y^{-9} \cdot y^3 =$

3) $\frac{x\text{^}-8}{x\text{^}-12} =$

4) $\frac{d\text{^}-13}{d\text{^}-2} =$

Question 22: Evaluate each expression:

1) Evaluate $x^3 - y^2$ if $x = 2$ and $y = \frac{3}{4}$.

2) Evaluate $(g + h)\text{^}3$ if $g = 2$ and $h = -3$.

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Question 23: Estimate each square root or cube root to the nearest integer:

1) $\sqrt{125} \approx$

2) $\sqrt{55} \approx$

3) $\sqrt[3]{70} \approx$

4) $\sqrt[3]{923} \approx$

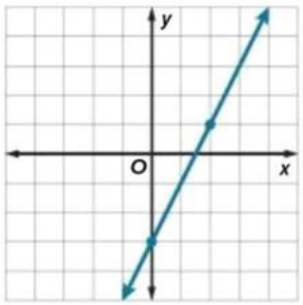
Question 24: Solve each equation. Check your solution:

1) $-2a - 9 = 6a + 15$

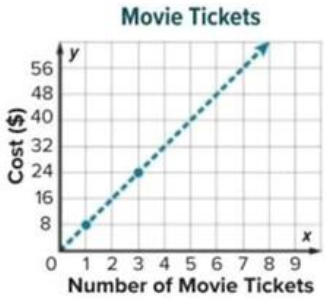
2) $\frac{1}{2}x - 5 = 10 - \frac{3}{4}x$

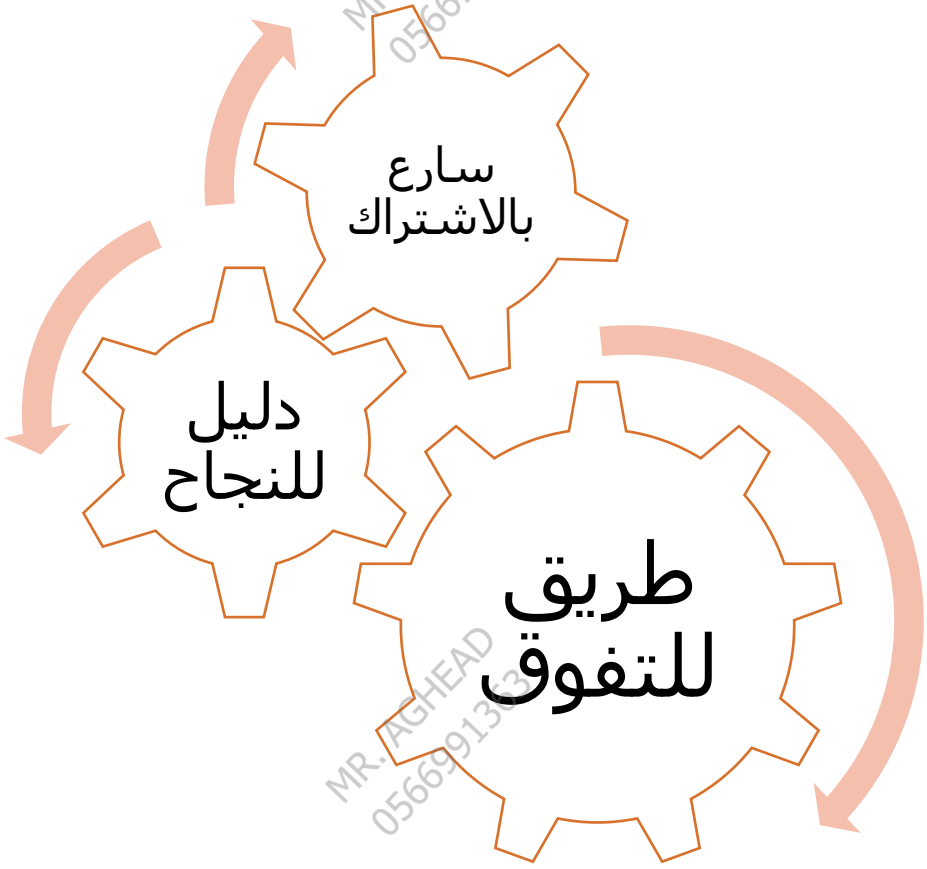
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Question 25: Write an equation in slope-intercept form ($y = mx + b$) for the line shown in the graph passing through $(0, -3)$ and $(2, 1)$.



Question 26: The cost y of movie tickets varies directly with the number of tickets x as shown in the graph passing through $(0, 0)$, $(1, 8)$, and $(3, 24)$. Write a direct variation equation to represent this relationship. Then identify the constant of variation and interpret its meaning.





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