



وزارة التربية والتعليم
MINISTRY OF EDUCATION

اختبار الوحدة الأولى الرياضيات ريفيل الصف الثامن الفصل الأول لعام 2026 - 2027

إحجز مكانك واستعد للامتحان بثقة كاملة

احصل على الشرح الكامل للصف من خلال:

التواصل والحجز عبر الـ Whatsapp
اضغط على الرقم: 0566991363



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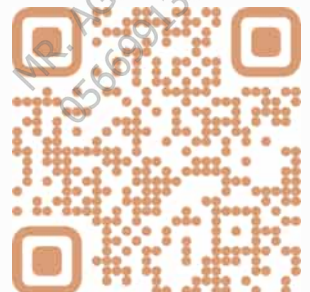
شرح الدروس



انضم للقناة



Mr. Aghead



للتواصل اضغط الرقم:
0566991363

Mr. Aghead

يمكنكم الحصول على

شرح دروس
الفصل كاملاً

بـ 99
درهم فقط

ملزمة محلولة
بالكامل

اختبارات مع الحل

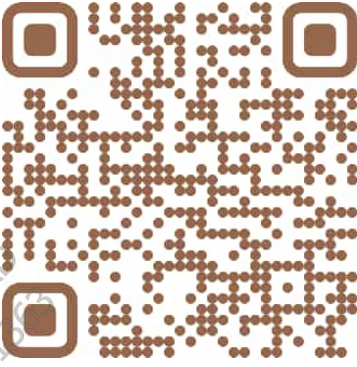
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اختبار الوحدة الأولى

الأسئلة الموضوعية - MCQ



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Question 1: Write the expression using exponents: $n * n * p * p * r * r * r$

A. $n^3 p^2 r^2$

B. $2n \cdot 2p \cdot 3r$

C. npr^6

D. $n^2 p^2 r^3$

Question 2: A scientist estimates that, after a certain amount of time, there would be $2^5 \cdot 3^3 \cdot 10^5$ bacteria in a Petri dish. How many bacteria is this?

A. 864,000

B. 86,400,000

C. 86,400

D. 8,640,000

Question 3: Simplify the expression: $9p^4 \cdot (-8p^2)$

A. $-72p^6$

B. $-1p^6$

C. $-72p^8$

D. $-65p^8$

Question 4: The table shows the number of bacteria in each Petri dish. Dish C has 8^2 times as many bacteria as Dish A. Which Petri dish holds the most number of bacteria?

Petri Dish	Number of Bacteria
A	8^6
B	8^9

A. Dish C

B. Dish B

C. Dish A

D. They all hold the same number

Question 5: Simplify the expression: $(2m^5)^6$

A. $64m^{30}$

B. $2m^{30}$

C. $64m^{11}$

D. $12m^5$

Question 6: A cube has a side length of $3x^6$ units. A smaller cube has a side length of x^2 units. How many smaller cubes will fit in the larger cube?

A. $3x^{12}$ cubes

B. $27x^9$ cubes

C. $3x^4$ cubes

D. $27x^{12}$ cubes

Question 7: Express each fraction using a negative exponent: $\frac{1}{10^5}$

A. 10^5

B. -10^5

C. 10^5

D. 10^{-5}

Question 8: Simplify the expression: $\frac{x^{-8}}{x^{-12}}$

A. x^{-4}

B. x^{20}

C. x^4

D. x^{-20}

Question 9: The table shows the diameters of two objects. How many times larger is the diameter of a pinhead than the diameter of a cloud water droplet?

Object	Diameter (m)
Cloud Water Droplet	10^{-5}
Pinhead	0.001

A. 10^2 times larger

B. 10^1 times larger

C. 10^3 times larger

D. 10^4 times larger

Question 10: Write the number in standard form: 1.49×10^{-7}

A. 0.00000149

B. 0.0000149

C. 0.000000149

D. 14,900,000

Question 11: The population of Florida was recently recorded as 20,612,439 people. Write an estimation in scientific notation for the population.

A. About 20×10^6

B. About 2×10^7

C. About 2.0612439×10^8

D. About 2×10^6

Question 12: The table shows the approximate population and land area for several states. Which state has the least population density?

State	Population	Land Area (mi ²)
Arizona	6.83×10^6	113,594
Colorado	5.46×10^6	103,642
Kentucky	4.43×10^6	39,486
Minnesota	5.45×10^6	79,627

A. Arizona

B. Kentucky

C. Minnesota

D. Colorado

Question 13: Humpback whales are known to weigh as much as 80,000 pounds. The tiny krill they eat weigh only 2.1875×10^{-3} pound. About how many times greater is the weight of a humpback whale?

A. About 4×10^4 million times greater

B. About 4×10^3 million times greater

C. About 4×10^7 million times greater

D. About 4×10^6 million times greater

Question 14: Evaluate. Express the result in scientific notation:

$$(7.26 \times 10^6) - (1.3 \times 10^4)$$

A. 7.247×10^6

B. 5.96×10^6

C. 7.247×10^2

D. 5.96×10^2

Question 15: At the beginning of the business day, a bank's vault held \$575,900. By the end of the day, $$(3.5 \times 10^3)$ had been added to the vault. How much money did the bank's vault hold at the end of the business day? Write your answer in standard form.

A. \$579,400

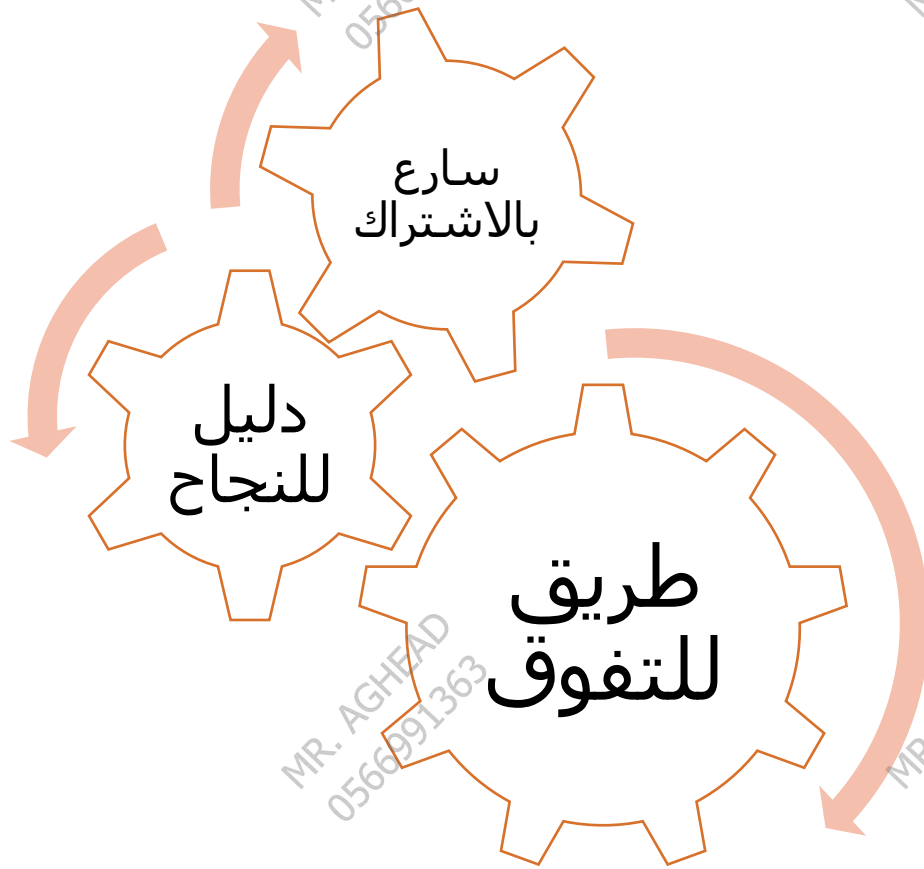
B. \$925,900

C. \$579,000

D. \$578,400

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