

تأليف نموذج اجابة امتحان الرياضيات الثانوية العامة
العدد الاول للعام الدراسي ١٤٣٠ هـ - ١٤٣١ هـ - ٢٠١٠ م
شاهين : الرياضيات

$\vec{u} = \frac{1}{\sqrt{2}}(\vec{e}_1 + \vec{e}_2)$ و $\vec{v} = \frac{1}{\sqrt{2}}(\vec{e}_1 - \vec{e}_2)$

[illegible]

بالنسبة لمرحل : $v = (v_x - v_y) = (1.8 - 0.9) \text{ m/s} = 0.9 \text{ m/s}$
بالنسبة لمرحل : $v = (v_x + v_y) = (1.8 + 0.9) \text{ m/s} = 2.7 \text{ m/s}$

$$\frac{1}{3n} = \frac{1}{3n-3n} \cdot 120 = \frac{1}{(n-1)} \cdot 120 = \frac{1}{n-1} \cdot 120$$

$\text{معدل الفائدة} = \frac{\text{الفائدة}}{\text{رأس المال}} \times 100$

حساب حركة التدفئة بالنسبة لهدف = ك

ن على المساحة المربعة : $25 \times 25 = 625$ كم² (مساحة المربع)
ن على المساحة المربعة : $50 \times 50 = 2500$ كم² (مساحة المربع)

في تلك الحالة $18 \times 2 = 36$ $36 \times 2 = 72$ $72 \times 2 = 144$ $144 \times 2 = 288$ $288 \times 2 = 576$ $576 \times 2 = 1152$ $1152 \times 2 = 2304$ $2304 \times 2 = 4608$ $4608 \times 2 = 9216$ $9216 \times 2 = 18432$ $18432 \times 2 = 36864$ $36864 \times 2 = 73728$ $73728 \times 2 = 147456$ $147456 \times 2 = 294912$ $294912 \times 2 = 589824$ $589824 \times 2 = 1179648$ $1179648 \times 2 = 2359296$ $2359296 \times 2 = 4718592$ $4718592 \times 2 = 9437184$ $9437184 \times 2 = 18874368$ $18874368 \times 2 = 37748736$ $37748736 \times 2 = 75497472$ $75497472 \times 2 = 150994944$ $150994944 \times 2 = 301989888$ $301989888 \times 2 = 603979776$ $603979776 \times 2 = 1207959552$ $1207959552 \times 2 = 2415919104$ $2415919104 \times 2 = 4831838208$ $4831838208 \times 2 = 9663676416$ $9663676416 \times 2 = 19327352832$ $19327352832 \times 2 = 38654705664$ $38654705664 \times 2 = 77309411328$ $77309411328 \times 2 = 154618822656$ $154618822656 \times 2 = 309237645312$ $309237645312 \times 2 = 618475290624$ $618475290624 \times 2 = 1236950581248$ $1236950581248 \times 2 = 2473901162496$ $2473901162496 \times 2 = 4947802324992$ $4947802324992 \times 2 = 9895604649984$ $9895604649984 \times 2 = 19791209299968$ $19791209299968 \times 2 = 39582418599936$ $39582418599936 \times 2 = 79164837199872$ $79164837199872 \times 2 = 158329674399744$ $158329674399744 \times 2 = 316659348799488$ $316659348799488 \times 2 = 633318697598976$ $633318697598976 \times 2 = 1266637395197952$ $1266637395197952 \times 2 = 2533274790395904$ $2533274790395904 \times 2 = 5066549580791808$ $5066549580791808 \times 2 = 10133099161583616$ $10133099161583616 \times 2 = 20266198323167232$ $20266198323167232 \times 2 = 40532396646334464$ $40532396646334464 \times 2 = 81064793292668928$ $81064793292668928 \times 2 = 162129586585337856$ $162129586585337856 \times 2 = 324259173170675712$ $324259173170675712 \times 2 = 648518346341351424$ $648518346341351424 \times 2 = 1297036692682702848$ $1297036692682702848 \times 2 = 2594073385365405696$ $2594073385365405696 \times 2 = 5188146770730811392$ $5188146770730811392 \times 2 = 10376293541461622784$ $10376293541461622784 \times 2 = 20752587082923245568$ $20752587082923245568 \times 2 = 41505174165846491136$ $41505174165846491136 \times 2 = 83010348331692982272$ $83010348331692982272 \times 2 = 166020696663385964544$ $166020696663385964544 \times 2 = 332041393326771929088$ $332041393326771929088 \times 2 = 664082786653543858176$ $664082786653543858176 \times 2 = 1328165573307087716352$ $1328165573307087716352 \times 2 = 2656331146614175432704$ $2656331146614175432704 \times 2 = 5312662293228350865408$ $5312662293228350865408 \times 2 = 10625324586456701730816$ $10625324586456701730816 \times 2 = 21250649172913403461632$ $21250649172913403461632 \times 2 = 42501298345826806923264$ $42501298345826806923264 \times 2 = 85002596691653613846528$ $85002596691653613846528 \times 2 = 170005193383307227693056$ $170005193383307227693056 \times 2 = 340010386766614455386112$ $340010386766614455386112 \times 2 = 680020773533228910772224$ $680020773533228910772224 \times 2 = 1360041547066457821544448$ $1360041547066457821544448 \times 2 = 2720083094132915643088896$ $2720083094132915643088896 \times 2 = 5440166188265831286177792$ $5440166188265831286177792 \times 2 = 10880332376531662572355584$ $10880332376531662572355584 \times 2 = 21760664753063325144711168$ $21760664753063325144711168 \times 2 = 43521329506126650289422336$ $43521329506126650289422336 \times 2 = 87042659012253300578844672$ $87042659012253300578844672 \times 2 = 174085318024506601157689344$ $174085318024506601157689344 \times 2 = 348170636049013202315378688$ $348170636049013202315378688 \times 2 = 696341272098026404630757376$ $696341272098026404630757376 \times 2 = 1392682544196052809261514752$ $1392682544196052809261514752 \times 2 = 2785365088392105618523029504$ $2785365088392105618523029504 \times 2 = 5570730176784211237046059008$ $5570730176784211237046059008 \times 2 = 11141460353568422474092118016$ $11141460353568422474092118016 \times 2 = 22282920707136844948184236032$ $22282920707136844948184236032 \times 2 = 44565841414273689896368472064$ $44565841414273689896368472064 \times 2 = 89131682828547379792736944128$ $89131682828547379792736944128 \times 2 = 178263365657094759585473888256$ $178263365657094759585473888256 \times 2 = 356526$

$\frac{0}{1\lambda} \times \frac{0}{\lambda} \times 0.5 \dots = v_0 \times \lambda \dots$

→ (u)

