

Geometrical Progression

A man bought a horse by agreement was to give a farthing for the first nail two for the second four for the third and so on. There were four shoes eight nails in each shoe what did the horse come to at that rate

$1 \times 2 \times 3 \times 4 \times 5 \times 6 \times 7 \times 8$
 $2 \times 4 \times 8 \times 16 \times 32 \times 64 \times 128 \times 256$
 128
 3048
 312
 256
 32768
 64
 131072
 196608
 3097152
 32
 4194304
 6241436
 67108864
 16
 402683184
 67108864
 1073741824
 4
 4294967296
 12
 1073741824
 20
 894784853
 44739245370

Suppose a certain body put in motion should move the length of one barley corn the first second of time one inch the second & three inches third second of time 1 so on to increase its motion in triple proportion geometrically how many yards would the said body move in the term of half a minute

$0 \times 1 \times 2 \times 3 \times 4 \times 5 \times 6 \times 7 \times 8$
 139278124312421576561
 2157
 45927
 52488
 6561
 13122
 14348907
 729
 129140163
 28697814
 100442349
 10460353203
 343
 31381059609
 41841412812
 20420706406
 2541865828329
 81
 2541865828329
 20334926226632
 2305891132094648
 310294556041324
 13343151886824411
 338595990568701
 953144688633111

Single Position

When one number is required the properties are given in the question

Delivered to a banker a certain sum of money to receive interest for the same at 6 per cent per annum simple interest at the end of 12 years received 731 principal & interest together. What was the sum delivered to him at first

$86 :: 731 :: 30$
 $86 \times 30 = 2580$
 $731 - 2580 = 1849$
 $1849 \div 20 = 92.45$
 $92.45 \times 100 = 9245$
 $9245 \div 100 = 92.45$
 $92.45 \times 30 = 2773.5$
 $2773.5 \div 100 = 27.735$
 $27.735 \times 100 = 2773.5$
 $2773.5 \div 100 = 27.735$
 $27.735 \times 30 = 832.05$
 $832.05 \div 100 = 8.3205$
 $8.3205 \times 100 = 832.05$
 $832.05 \div 100 = 8.3205$
 $8.3205 \times 30 = 249.615$
 $249.615 \div 100 = 2.49615$
 $2.49615 \times 100 = 249.615$
 $249.615 \div 100 = 2.49615$
 $2.49615 \times 30 = 74.8845$
 $74.8845 \div 100 = 0.748845$
 $0.748845 \times 100 = 74.8845$
 $74.8845 \div 100 = 0.748845$
 $0.748845 \times 30 = 22.46535$
 $22.46535 \div 100 = 0.2246535$
 $0.2246535 \times 100 = 22.46535$
 $22.46535 \div 100 = 0.2246535$
 $0.2246535 \times 30 = 6.739605$
 $6.739605 \div 100 = 0.06739605$
 $0.06739605 \times 100 = 6.739605$
 $6.739605 \div 100 = 0.06739605$
 $0.06739605 \times 30 = 2.0218815$
 $2.0218815 \div 100 = 0.020218815$
 $0.020218815 \times 100 = 2.0218815$
 $2.0218815 \div 100 = 0.020218815$
 $0.020218815 \times 30 = 0.60656445$
 $0.60656445 \div 100 = 0.0060656445$
 $0.0060656445 \times 100 = 0.60656445$
 $0.60656445 \div 100 = 0.0060656445$
 $0.0060656445 \times 30 = 0.181969335$
 $0.181969335 \div 100 = 0.00181969335$
 $0.00181969335 \times 100 = 0.181969335$
 $0.181969335 \div 100 = 0.00181969335$
 $0.00181969335 \times 30 = 0.0545907905$
 $0.0545907905 \div 100 = 0.000545907905$
 $0.000545907905 \times 100 = 0.0545907905$
 $0.0545907905 \div 100 = 0.000545907905$
 $0.000545907905 \times 30 = 0.01637723715$
 $0.01637723715 \div 100 = 0.0001637723715$
 $0.0001637723715 \times 100 = 0.01637723715$
 $0.01637723715 \div 100 = 0.0001637723715$
 $0.0001637723715 \times 30 = 0.004913171145$
 $0.004913171145 \div 100 = 0.00004913171145$
 $0.00004913171145 \times 100 = 0.004913171145$
 $0.004913171145 \div 100 = 0.00004913171145$
 $0.00004913171145 \times 30 = 0.0014739513435$
 $0.0014739513435 \div 100 = 0.000014739513435$
 $0.000014739513435 \times 100 = 0.0014739513435$
 $0.0014739513435 \div 100 = 0.000014739513435$
 $0.000014739513435 \times 30 = 0.00044218540305$
 $0.00044218540305 \div 100 = 0.0000044218540305$
 $0.0000044218540305 \times 100 = 0.00044218540305$
 $0.00044218540305 \div 100 = 0.0000044218540305$
 $0.0000044218540305 \times 30 = 0.000132655620915$
 $0.000132655620915 \div 100 = 0.00000132655620915$
 $0.00000132655620915 \times 100 = 0.000132655620915$
 $0.000132655620915 \div 100 = 0.00000132655620915$
 $0.00000132655620915 \times 30 = 0.0000397966862745$
 $0.0000397966862745 \div 100 = 0.000000397966862745$
 $0.000000397966862745 \times 100 = 0.0000397966862745$
 $0.0000397966862745 \div 100 = 0.000000397966862745$
 $0.000000397966862745 \times 30 = 0.00001193900588235$
 $0.00001193900588235 \div 100 = 0.0000001193900588235$
 $0.0000001193900588235 \times 100 = 0.00001193900588235$
 $0.00001193900588235 \div 100 = 0.0000001193900588235$
 $0.0000001193900588235 \times 30 = 0.000003581701764705$
 $0.000003581701764705 \div 100 = 0.00000003581701764705$
 $0.00000003581701764705 \times 100 = 0.000003581701764705$
 $0.000003581701764705 \div 100 = 0.00000003581701764705$
 $0.00000003581701764705 \times 30 = 0.0000010745105294115$
 $0.0000010745105294115 \div 100 = 0.000000010745105294115$
 $0.000000010745105294115 \times 100 = 0.0000010745105294115$
 $0.0000010745105294115 \div 100 = 0.000000010745105294115$
 $0.000000010745105294115 \times 30 = 0.0000003223531588235$
 $0.0000003223531588235 \div 100 = 0.000000003223531588235$
 $0.000000003223531588235 \times 100 = 0.0000003223531588235$
 $0.0000003223531588235 \div 100 = 0.000000003223531588235$
 $0.000000003223531588235 \times 30 = 0.00000009670594764705$
 $0.00000009670594764705 \div 100 = 0.0000000009670594764705$
 $0.0000000009670594764705 \times 100 = 0.00000009670594764705$
 $0.00000009670594764705 \div 100 = 0.0000000009670594764705$
 $0.0000000009670594764705 \times 30 = 0.000000029011784294115$
 $0.000000029011784294115 \div 100 = 0.00000000029011784294115$
 $0.00000000029011784294115 \times 100 = 0.000000029011784294115$
 $0.000000029011784294115 \div 100 = 0.00000000029011784294115$
 $0.00000000029011784294115 \times 30 = 0.000000008703535288235$
 $0.000000008703535288235 \div 100 = 0.00000000008703535288235$
 $0.00000000008703535288235 \times 100 = 0.000000008703535288235$
 $0.000000008703535288235 \div 100 = 0.00000000008703535288235$
 $0.00000000008703535288235 \times 30 = 0.0000000026110605864705$
 $0.0000000026110605864705 \div 100 = 0.000000000026110605864705$
 $0.000000000026110605864705 \times 100 = 0.0000000026110605864705$
 $0.0000000026110605864705 \div 100 = 0.000000000026110605864705$
 $0.000000000026110605864705 \times 30 = 0.00000000078331817594115$
 $0.00000000078331817594115 \div 100 = 0.0000000000078331817594115$
 $0.0000000000078331817594115 \times 100 = 0.00000000078331817594115$
 $0.00000000078331817594115 \div 100 = 0.0000000000078331817594115$
 $0.0000000000078331817594115 \times 30 = 0.00000000023499545278235$
 $0.00000000023499545278235 \div 100 = 0.0000000000023499545278235$
 $0.0000000000023499545278235 \times 100 = 0.00000000023499545278235$
 $0.00000000023499545278235 \div 100 = 0.0000000000023499545278235$
 $0.0000000000023499545278235 \times 30 = 0.000000000070498635834705$
 $0.000000000070498635834705 \div 100 = 0.00000000000070498635834705$
 $0.00000000000070498635834705 \times 100 = 0.000000000070498635834705$
 $0.000000000070498635834705 \div 100 = 0.00000000000070498635834705$
 $0.00000000000070498635834705 \times 30 = 0.0000000000211495907504115$
 $0.0000000000211495907504115 \div 100 = 0.000000000000211495907504115$
 $0.000000000000211495907504115 \times 100 = 0.0000000000211495907504115$
 $0.0000000000211495907504115 \div 100 = 0.000000000000211495907504115$
 $0.000000000000211495907504115 \times 30 = 0.0000000000063448772251235$
 $0.0000000000063448772251235 \div 100 = 0.000000000000063448772251235$
 $0.000000000000063448772251235 \times 100 = 0.0000000000063448772251235$
 $0.0000000000063448772251235 \div 100 = 0.000000000000063448772251235$
 $0.000000000000063448772251235 \times 30 = 0.00000000000190346316753705$
 $0.00000000000190346316753705 \div 100 = 0.0000000000000190346316753705$
 $0.0000000000000190346316753705 \times 100 = 0.00000000000190346316753705$
 $0.00000000000190346316753705 \div 100 = 0.0000000000000190346316753705$
 $0.0000000000000190346316753705 \times 30 = 0.00000000000057103895026115$
 $0.00000000000057103895026115 \div 100 = 0.0000000000000057103895026115$
 $0.0000000000000057103895026115 \times 100 = 0.00000000000057103895026115$
 $0.00000000000057103895026115 \div 100 = 0.0000000000000057103895026115$
 $0.0000000000000057103895026115 \times 30 = 0.00000000000017131168507835$
 $0.00000000000017131168507835 \div 100 = 0.0000000000000017131168507835$
 $0.0000000000000017131168507835 \times 100 = 0.00000000000017131168507835$
 $0.00000000000017131168507835 \div 100 = 0.0000000000000017131168507835$
 $0.0000000000000017131168507835 \times 30 = 0.000000000000051393505523505$
 $0.000000000000051393505523505 \div 100 = 0.00000000000000051393505523505$
 $0.00000000000000051393505523505 \times 100 = 0.000000000000051393505523505$
 $0.000000000000051393505523505 \div 100 = 0.00000000000000051393505523505$
 $0.00000000000000051393505523505 \times 30 = 0.0000000000000154180516570515$
 $0.0000000000000154180516570515 \div 100 = 0.000000000000000154180516570515$
 $0.000000000000000154180516570515 \times 100 = 0.0000000000000154180516570515$
 $0.0000000000000154180516570515 \div 100 = 0.000000000000000154180516570515$
 $0.000000000000000154180516570515 \times 30 = 0.00000000000000462541549711545$
 $0.00000000000000462541549711545 \div 100 = 0.0000000000000000462541549711545$
 $0.0000000000000000462541549711545 \times 100 = 0.00000000000000462541549711545$
 $0.00000000000000462541549711545 \div 100 = 0.0000000000000000462541549711545$
 $0.0000000000000000462541549711545 \times 30 = 0.00000000000000138762464913435$
 $0.00000000000000138762464913435 \div 100 = 0.0000000000000000138762464913435$
 $0.0000000000000000138762464913435 \times 100 = 0.00000000000000138762464913435$
 $0.00000000000000138762464913435 \div 100 = 0.0000000000000000138762464913435$
 $0.0000000000000000138762464913435 \times 30 = 0.000000000000000416287394740305$
 $0.000000000000000416287394740305 \div 100 = 0.00000000000000000416287394740305$
 $0.00000000000000000416287394740305 \times 100 = 0.000000000000000416287394740305$
 $0.000000000000000416287394740305 \div 100 = 0.00000000000000000416287394740305$
 $0.00000000000000000416287394740305 \times 30 = 0.0000000000000001248862184220915$
 $0.0000000000000001248862184220915 \div 100 = 0.000000000000000001248862184220915$
 $0.000000000000000001248862184220915 \times 100 = 0.0000000000000001248862184220915$
 $0.0000000000000001248862184220915 \div 100 = 0.000000000000000001248862184220915$
 $0.000000000000000001248862184220915 \times 30 = 0.00000000000000003746586552662745$
 $0.00000000000000003746586552662745 \div 100 = 0.0000000000000000003746586552662745$
 $0.0000000000000000003746586552662745 \times 100 = 0.00000000000000003746586552662745$
 $0.00000000000000003746586552662745 \div 100 = 0.0000000000000000003746586552662745$
 $0.0000000000000000003746586552662745 \times 30 = 0.00000000000000001123975965798835$
 $0.00000000000000001123975965798835 \div 100 = 0.0000000000000000001123975965798835$
 $0.0000000000000000001123975965798835 \times 100 = 0.00000000000000001123975965798835$
 $0.00000000000000001123975965798835 \div 100 = 0.0000000000000000001123975965798835$
 $0.0000000000000000001123975965798835 \times 30 = 0.000000000000000003371927897596535$
 $0.000000000000000003371927897596535 \div 100 = 0.00000000000000000003371927897596535$
 $0.00000000000000000003371927897596535 \times 100 = 0.000000000000000003371927897596535$
 $0.00000000000000000003371927897596535 \div 100 = 0.00000000000000000003371927897596535$
 $0.00000000000000000003371927897596535 \times 30 = 0.0000000000000000010115783692789605$
 $0.0000000000000000010115783692789605 \div 100 = 0.00000000000000000010115783692789605$
 $0.00000000000000000010115783692789605 \times 100 = 0.0000000000000000010115783692789605$
 $0.00000000000000000010115783692789605 \div 100 = 0.00000000000000000010115783692789605$
 $0.00000000000000000010115783692789605 \times 30 = 0.00000000000000000030347351078368815$
 $0.00000000000000000030347351078368815 \div 100 = 0.000000000000000000030347351078368815$
 $0.000000000000000000030347351078368815 \times 100 = 0.00000000000000000030347351078368815$
 $0.000000000000000000030347351078368815 \div 100 = 0.000000000000000000030347351078368815$
 $0.000000000000000000030347351078368815 \times 30 = 0.000000000000000000091042053235106545$
 $0.000000000000000000091042053235106545 \div 100 = 0.0000000000000000000091042053235106545$
 $0.00000000000000000000910420$