

fVfXfef€ÉfCf“fXfg□[f<,³ê,Ä,ç,éfQ□[f€ fRf“fgf□□[f%o,îê——,ª\Ž!,³,ê,Ü,·□BfRf“fgf□□[f%o
,ìefXfg□A□\□¬□A,Ü,½,í□Á²□@,ð□s,ª,É,í□A fRf“fgf□□[f%o,đ'!đ,µ,Ä,©,ç [fvf□pfefB] ,đfNfŠfbfN,µ,Ü,·□B

□V,μ,¢fQ□[f€ fRf"fgf□□[f%,đ'Ç%Á,·é,Æ,«,ÉfNfŠfbfN,μ,Ü,·□B

'l'ä,μ,½fQ□[f€ fRf“fgf□□[f%o,đ□í□œ,.,é,Æ,«,ÉfNfŠfbfN,μ,Ü,·□B

.±,ìfQ□[f€ fRf“fgf□□[f%o,ìfefXfg□A□\□-□A,Ü,½,í²□@,đ□s,α,Æ,«,ÉfNfŠbfN,μ,Ü,·□B

fCf" fXfg [f<,3,ê,Ä,ç,éŠefQ [f€ fRf" fgf [f%,) fRf" fgf [f% ID ,)ê—,ª,Ž!,3,ê,Ü, ·BŠefQ [f€
fRf" fgf [f%,ÉŠ,,è"—,Ä,ç,ê,Ä,ç,é ID ,íA·iX,Ä,«,Ü, ·B

fVfXfef€ÉfCf“fXfg□[f<,3,ê,Ä,c,éfQ□[f€ fRf“fgf□□[f%,îê——,a,Ž!,3,ê,Ü,·□B

fRf"fgf□□[f% ID ,Æ□AŠe ID ,ÉŒ»□ÝŠ,,è"-,Ä,ç,ê,Ä,ç,é fQ□[f€ fRf"fgf□□[f%,îê——,ª\Ž!,³ê,Ü,·□B

fRf"fgf□□[f% ID ,đ'đ,μ,½ĈEä,ÉfNfŠfbfN,·é,Æ□AŠ,,è"-,Ä,ç,ê,Ä,ç,éQ□[f€ fRf"fgf□□[f%,đ•ï□X,Å,«,Ü,·□B

fQ[f€ fRf“fgf□□[f%o f|□[fg,af|□[fg fhf%o fCfo,đ•K—v,Æ,.,é□ê□‡,í□A,±,î^ê——,©,çf|□[fg
fhf%o fCfo,đ'đ,μ,Ä,,¼,³,ç□B

fQ[f€,đf|f“f%ofCf“,ÅfvfœfC,μ,Ä,ç,é,Æ,«,Éf,ff€,ì-â'è,a”□¶,·,é□ê□‡,í□Af`fFfbfN f{fbfNfX,đf|ft,É,μ,Ä,-
,¾,¾,ç□B

Ží—p (2 f{f^f“,ìftf%oCf g f^□[fN) ; ,æ,Ñ□»i-¼ (Microsoft SideWinder 3D Pro) ,ì•Ê,ÉfQ□[f€ fRf“fgf□□[f%
,ìê——,ð•Žì,μ,Ü,·□B%oÁ“\,Á, ,ê,í□AfQ□[f€ fRf“fgf□□[f%o,ìí“ì,È□»i-¼,ð“l,ñ,Á,,¾,¾,¾,¾□B

fQ□[f€ fRf“fgf□□[f%o,ì□»i-¼,Ü,¾,¾,ÍŽí—p,acê——,ÉŠÜ,Ü,ê,Ä,ç,È,ç□ê□‡,í□A[fQ□[f€ fRf“fgf□□[f%o,ìÇ%oÁ]
,ðfNfŠfbfN,μ,Äfhf%oCfo,ðfCf“fXfg□[f<.,é,©□A,Ü,¾,¾,Í [f†□[fU□[è<`] ,ðfNfŠfbfN,μ,Ä“ÆŽ©,ìfRf“fgf□□[f%
,ð□ì□-,μ,Ä,,¾,¾,¾,¾□B

Žg—p't, òfQ□[f€ fRf“fgf□□[f%o, aRf“fgf□□[f%o, îê——, ÉŠÜ, Ü, ê, Ä, Ç, È, Ç□ê□‡, Í□A, ±, ±, ðfNfŠfbfN, µ, Ü, · □B

fQ[f€ fRf“fgf□□[f%„]ž²□“,đžw'è,μ,Û,·□B—áŠO,à,è,Û,·,ª□A2 Ž²,}fQ□[f€ fRf“fgf□□[f%
;íê”Ê,É□A□ã%°,;æ,Ň□¶%E,É“®,«,Û,·□B3 Ž²,}fQ□[f€ fRf“fgf□□[f%„,í□A^ê”Ê,É□A fXf□fbfgf<
fRf“fgf□□[f<,đ'ň<Ÿ,μ,Û,·□B4 Ž²,}fQ□[f€ fRf“fgf□□[f%„,í□A'Êí□A fXf□fbfgf<,Æf% f_□[đ'ň<Ÿ,μ,Û,·□B

fQ[f€ fRf"fgf□□[f%o,ªP□f,ÈfWf‡fCfXfefBfbfN,æ,è,à•žG,È,à,ì,Â, ,é□ê□‡,í□A,±,ê,ç,`|f|vfVf‡f",ì,¢
,,ê,©,đ'đ,μ,Û,·□B

ft%ofCfg fVf~f...fÆ□[f^ fvf□fOf%of€—p,lfRf“fgf□□[f%o,Å, ,é,±,Æ,ǎŽw'è,μ,Û,·□B

fpfbfhCE^,lfRf"fgf□□[f%o,Á, ,é,±,Æ,ðŽw'è,μ,Ü,·□BfpfbfhCE^,lfRf"fgf□□[f%o,í 8 ,Á,ì•úCEü,É"®,«□A'Ê□í,í 2
,Á,©,ç 4 ,Á,ì{f^f",ðŽ□,Á,Á,ç,Ü,·□B

fXfefAfŠf"fo fzfC[f<AfAfNfZf< fyf_f<A,;æ,ÑfufŒ[fL fyf_f<đŽ,Á,½fRf"fgf[f%,Á,é,±
,Æ,đŽwè,μ,Û,·B

fñbfñ fXfCfbf` (POV) ,đŽ□,Á,½fQ□[f€ fRf"fgf□□[f%,Á, ,é,±,Æ,đŽw'è,μ,Û,·□Bfñbfñ fXfCfbf` (POV)
,đŽg,α,Æ□A%æ-Ê□ã,ł|fufWfFfNfg,đŒ©,é^Ê'u,Û,½,Í•úŒü,đŽw'è,Á,«,Û,·□B

f+[fU[è`fQ[f€ fRf“fgf□□[f%o,ì-¼'O,ð“ü—í,μ,Ü,·□B,±,ì-¼'O,í□A[fQ□[f€ fRf“fgf□□[f%o] f_fCfAf□fO
f{fbfNfX,ì [fRf“fgf□□[f%o] ^ê—,É•\Z!,³ê,Ü,·□B

,±,ìfRf“fgf□□[f% ID ,ÉŠ,,è“-Ä,éfQ□[f€ fRf“fgf□□[f%,đ'đ,μ,Ü,·□B
^ê•,ìfQ□[f€,Å,í□AfQ□[f€ fRf“fgf□□[f%,đffofCfX ID 1 ,ÉŠ,,è“-Ä,é•K—v,^a, ,è,Ü,·□B

Ží—P (2 f{f^f“,ìftf%fcfg f^[fN) ;,æ,Ñ»•i-¼ (Microsoft SideWinder 3D Pro) ,ì•É,ÉfQ[f€ fRf“fgf□□[f%
,ìê—,đ•ž,μ,Û,·□B%Á“\,Á, ,ê,î□AfQ□[f€ fRf“fgf□□[f%,ì“ì“ì,È»•i-¼,đ“l,ñ,Á,,¾,¾,¾□B

Ž² 1 ; ,æ,Ñ 2 ,l“®,«,ł”íí,đŽ!,μ,Ü,·□BfQ□[f€ fRf“fgf□□[f%,lŽ² 1 ; ,æ,Ñ 2 (‘Ê□í,í X ; ,æ,Ñ Y)
,l“®,«,ł”íí,đ²□®,.,é,É,í□A[²□®□í•ñ] ,lŽwŽ!,É□],Á,Á,,¼,³,č□B

Ž 3 ,i"®,«,i"íí,đŽ!,μ,Ü,·□BfQ□[f€ fRf"fgf□□[f%o,iŽ 3 ,i"®,«,i"íí,đ²□®,·,é,É,í□A[²□®□î•ñ] ,iŽwŽ!,É□],Á,Ä,-
,¾,³,¢□B

Ž² 4 ,ì“®,<<,ì”íí,ďž!,μ,Ü,·□BfQ□[f€ fRf“fgf□□[f%o,ìž² 4 ,ì“®,<<,ì”íí,ď“²□®,·,é,É,í□A[²□®□î•ñ] ,ìžwž!,É□],Á,Ä,-
,¾,¾,¢□B

Ž² 5 ,ì“®,<<,ì“íí,đŽ!,μ,Ü,·□BfQ□[f€ fRf“fgf□□[f%o,ìŽ² 5 ,ì“®,<<,ì“íí,đ“²□®,·,é,É,í□A[²□®□î•ñ] ,ìŽwŽ!,É□],Á,Ä,-
,¾,³,¢□B

Ž² 6 ,ì“®,<<,ì“íí,đŽ!,μ,Ü,·□BfQ□[f€ fRf“fgf□□[f%o,ìŽ² 6 ,ì“®,<<,ì“íí,đ“²□®,·,é,É,í□A[²□®□î•ñ] ,ìŽwŽ!,É□],Á,Ä,-
,¾,³,¢□B

f n f b f g f X f C f b f` (POV) ,đā%°¶%E,É“©,·,ÆA,» ,îÊ'u,đŽ!,μ,Û,·BfQ[f€ fRf"fgf[f%,ìf n f b f g
f X f C f b f` (POV) ,đ²@,·é,É,íA[²@íñ] ,İžwŽ!,É],Á,Ä,,¾,³,¢B

fQ[f€ fRf“fgf□□[f%
Éf%of_□[Ü,½,Ífyf_f<,a,,é□ê□±□A,Ü,½,Í•ÊÆÂ,Éf%of_□[Ü,½,Ífyf_f<,ð•t,½□ê□±,Í□AfQ□[f€
,Á□³□í,ÉŽg,;é,æ,α,É,·,é,½,β,É [f%of_□□],đ'í,đ,μ,Ú,·□B

fQ[f€ fRf"fgf[f%,"đ"®,.é,É,íA,±,±,đfNfŠfbfN,μ,Ü,·B'²®,.é,±,Æ,É,æ,èAfQ[f€ fRf"fgf[f%
,iŽ,i"®,«,}íí,"áY'è,³,ê,Ü,·BfQ[f€ fRf"fgf[f%,"afnfbfg fXfCfbf` (POV),đŽ,Á,Ä,č,éêê±,íA,±,í<@"\
,àY'è,Á,«,Ü,·B

Ž² 1 ; ,æ,Ñ 2 ,l“®,«,l”íí,đŽ!,μ,Ü,·□BfQ□[f€ fRf“fgf□□[f%,lŽ² 1 ; ,æ,Ñ 2 (‘Ê□í,í X ; ,æ,Ñ Y)
,l“®,«,l”íí,đ²□®,.,é,É,í□A[²□®□í•ñ] ,lŽwŽ!,É□],Á,Á,,¼,³,č□B

Ž 3 ,i"®,«,i"íí,đŽ!,μ,Ü,·□BfQ□[f€ fRf"fgf□□[f%o,iŽ 3 ,i"®,«,i"íí,đ²□®,·,é,É,í□A[²□®□î•ñ] ,iŽwŽ!,É□],Á,Ä,-
,¾,³,¢□B

Ž 4 ,i"®,«,i"íí,đŽ!,μ,Ü,·□BfQ□[f€ fRf"fgf□□[f%o,iŽ 4 ,i"®,«,i"íí,đ²□®,·,é,É,í□A[²□®□î•ñ] ,iŽwŽ!,É□],Á,Ä,-
,¾,¾,¢□B

,±,ìfefLfxfg,íA²@í<Æ,ìŞefXfefbfv,ðà-¾,µ,Ü,·B

Ž² 1 ; ,æ,Ñ 2 ,ì“@,«,ì”í,ðfXfg,·,é,½,ß,ÉŽg,ç,Ü,·□BfefXfg f{fbfNfX,ì 4 ,Â,îŠp,·,×,Ä,É^Ú“@,μ,Ä,Ý,Ä,,¾,³,ç□BŽ² 1
; ,æ,Ñ 2 ,ª□³,μ,¾%ž,μ,È,ç□ê□‡,í□AfQ□[f€ fRf“fgf□□[f%δ□Ä²□@,μ,Ä,,¾,³,ç□B

Ž² 3 ,l^o«,l^íí,đfexfg, .é;½,ß,ÉŽg,¢,Ü, ·BfefXfg f{fbfNfX, ìã%°,É~Ú“@,μ,Ä,Ý,Ä,,¾,¾,¢BŽ² 3 ,^a³,μ,-
"½%ž,μ,É,¢ê¢,íA fQ[f€ fRf“fgf□□[f%ø,đÄ'²@,μ,Ä,,¾,¾,¢B

Ž² 4 ,l⁴@,<<,l⁴í,đfexfg, .é;½,β,ÉŽg,ϕ,Û, ·BfefXfg f{fbfNfX,ìã%°,É~Ú"@,μ,Ä,Ý,Ä,,¾,¾,ϕBŽ² 4 ,^a³,μ,-
"½%ž,μ,É,ϕê±,íA fQ[f€ fRf"fgf[f%δÄ'²@,μ,Ä,,¾,¾,ϕB

Ž² 5 ,l^o«,l^íí,đfexfg, .é;½,ß,ÉŽg,¢,Ü, ·BfefXfg f{fbfNfX, ìã%°,É~Ú“@,μ,Ä,Ý,Ä,,¾,¾,¢BŽ² 5 ,^a³,μ,-
"½%ž,μ,É,¢ê¢,íA fQ[f€ fRf“fgf□□[f%ø,đÄ'²@,μ,Ä,,¾,¾,¢B

Ž² 6 ,l^o«,l^íí,đfexfg, .é;½,ß,ÉŽg,¢,Ü, ·BfefXfg f{fbfNfX, ìã%°,É~Ú“@,μ,Ä,Ý,Ä,,¾,¾,¢BŽ² 6 ,^a³,μ,-
"½%ž,μ,É,¢ê¢,íA fQ[f€ fRf“fgf□□[f%ø,đÄ'²@,μ,Ä,,¾,¾,¢B

fQ[f€ fRf“fgf□□[f%o,lfnfbfq fXfCfbf` (POV),đfefXfg,.,é,½,ß,ÉŽg,¢,Ü,·□Bfnbfq fXfCfbf` (POV)
,đfefXfg,.,é,É,í□A□ã%°□¶%E,É“©,©,μ,Á,Ý,Ä,,¾,¾,¾□B¾¾,μ,“½%ž,μ,È,¢□ê□‡,í□AfQ□[f€ fRf“fgf□□[f%o
,đ□Á²□@,μ,Á,,¾,¾,¾□B

fQ[f€ fRf“fgf□□[f%o,]f{f^f“,δfefXfg,μ,Ü,·□B^ê“x,É 1 ,Â,,Â□A%oÿ,μ,Ä,Ý,Ä,,¾,¾,¾□Bf{f^f““Ô□†,Í□AfQ□[f€
fRf“fgf□□[f%o,]□»‘¢E³,ĂŠ,,,è“-„Ä,ç,ê,Ä,ç,Ü,·□B

fnfbfg fXfCfbf` (POV) ,đ²□®,:,é,Æ,«,í□AŠefXfefbfv,|Ĉĕă,É,±,|f{f^f",đfNfŠfbfN,·,é,©□A,Ü,½,í Enter
fL□[,đ%Ÿ,μ,Ă,,¾,³,¢□B

'2»»i«Æ,ì'O,ìfXfefbfv,É-ß,è,Ü,·BCE»Y,ìŽ²,í²»»,³,ê,È,ç,Ü,Ü,É,È,é,©A,Ü,½,íE³,í²»®'l,É-ß,è,Ü,·B

«»Ÿ,í²»fXfefbfv,ðfXfLfbfv,µ,ÄAŽŸ,É²»»,.éRf“fgf[f<,É~Ú“@,µ,Ü,.B«»Ÿ,íŽ²,í²»»,³,ê,È,¢
,Ü,Ü,É,É,é,©A,Ü,½,í³,í²@!É-β,è,Ü,.B

fnfbfg fXfCfbf` (POV) ,đ²» ,.é,Æ,«,ÍAŠefXfefbfv,ìEä,É,±,ìf{f^f",đfNfŠfbfN,.,é,©A,Ü,½,Í Enter
fL[,đ%Ÿ,μ,Ä,,¾,³,¢B

'2»»i«Æ,ì'O,ìfXfefbfv,É-ß,è,Ü,·BCE»Y,ìŽ²,í²»»,³,ê,È,ç,Ü,Ü,É,È,é,©A,Ü,½,íE³,í²»®'l,É-ß,è,Ü,·B

«»Ÿ,í²»fXfefbfv,ðfXfLfbfv,µ,ÄAŽŸ,É²»»,.éRf“fgf[f<,É~Ú“@,µ,Ü,·B«»Ÿ,íŽ²,í²»»,³,ê,È,¢
,Ü,Ü,É,É,é,©A,Ü,½,í³,í²»!É-β,è,Ü,·B

