

fVfXfef€ÉfCf“fXfg□[f<,³ê,Ä,¢,éfQ□[f€ fRf“fgf□□[f%₀,îê——,ª\Ž!|,³ê,Ü,·□BfRf“fgf□□[f%₀  
,ìefXfg□A□\□¬□A,Ü,½,í□Ä²□@,ð□s,ª,É,í□AfRf“fgf□□[f%₀,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'ð,μ,½fQ□[f€ fRf“fgf□□[f%ø,ðí□œ,·,é,Æ,«,ÉfNfŠfbfN,μ,Ü,·□B

,±, ðfQ□[f€ fRf“fgf□□[f%o, ðefXfg□A□\□¬□A,Ü,½,í²□@,ð□s,α,Æ,«,ÉfNfŠfbfN,μ,Ü,·□B

fCf" fXfg□[f<,³,ê,Ä,¢,éŠefQ□[f€ fRf"fgf□□[f%,,]fRf"fgf□□[f% ID ,î^ê——,ª•\Ž!,³,ê,Ü,·□BŠefQ□[f€  
fRf"fgf□□[f%,,ÉŠ,,,è"—,Ä,ç,ê,Ä,¢,é ID ,í□A•ï□X,Ä,«,Ü,·□B

*fVfXfef€*,É*fCf*“*fXfg*□[*f*◁,<sup>3</sup>ê,Ä,¢,é*fQ*□[*f*€ *fRf*“*f*g*f*□□[*f*%<sub>00</sub>,î^ê——,<sup>a</sup>•Ž!,<sup>3</sup>ê,Ü,·□B

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

fRf"fgf□□[f% ID ,đ'đ,μ,½Œă,ÉfNfŠfbfN,·é,Æ□AŠ,,è"—,Ă,ç,ê,Ă,¢,éfQ□[f€ fRf"fgf□□[f%,đ•ï□X,Â,«,Ü,·□B



*f*Q□[*f*€ *f*R*f*“*f*g*f*□□[*f*% *f*|□[*f*g,<sup>a</sup>*f*|□[*f*g *f*h*f*%*f*C*f*o,đ•K—v,Æ,.,é□ê□‡,Í□A,±,î<sup>^</sup>ê——,©,ç*f*|□[*f*g  
*f*h*f*%*f*C*f*o,đ'!*đ*,μ,Ä,,¾,<sup>3</sup>,¢□B

fQ□[f€,\delta f!f“f%ofCf“,ÅfvfƎfC,μ,Ä,¢,é,Æ,«,\acute{f},ff€,\grave{a}-\grave{e},^a"□¶,\cdot,\acute{e}□\hat{e}□‡,\acute{ı}□Af`fFfbfN f{fbfNfX,\delta f!ft,\acute{E},μ,Ä,-  
,3/4,3,¢□B

Ží—▷ (2  $f\{f^f\}$ ,  $\mathfrak{f}f\mathfrak{f}\%fCf\mathfrak{g}\mathfrak{f}^\wedge[fN)$  ,  $\ddot{\mathfrak{}}$ ,  $\mathfrak{a}\mathfrak{e}$ ,  $\tilde{N}\square\gg\bullet i-\frac{1}{4}$  (Microsoft SideWinder 3D Pro) ,  $\mathfrak{l}\bullet\hat{E}$ ,  $\acute{E}fQ\square[f\epsilon fRf^{\mathfrak{f}}fgf\square\square[f\%$   
,  $\mathfrak{l}^{\mathfrak{e}}$ ——,  $\mathfrak{d}\bullet\check{Z}$ ,  $\mu$ ,  $\ddot{U}$ ,  $\cdot\square B\% \hat{A}^{\mathfrak{n}}\backslash\hat{A}$ ,  $\mathfrak{e}$ ,  $\hat{I}\square AfQ\square[f\epsilon fRf^{\mathfrak{f}}fgf\square\square[f\%$ ,  $\mathfrak{l}\mathfrak{c}^{\mathfrak{i}}\mathfrak{i}^{\mathfrak{i}}\mathfrak{l}$ ,  $\hat{E}\square\gg\bullet i-\frac{1}{4}$ ,  $\mathfrak{d}^{\mathfrak{i}}\mathfrak{l}$ ,  $\mathfrak{n}$ ,  $\hat{A}$ ,  $\mathfrak{,},\frac{3}{4},^3,\clubsuit\square B$

$fQ\square[f\epsilon fRf^{\mathfrak{f}}fgf\square\square[f\%$ ,  $\mathfrak{l}\square\gg\bullet i-\frac{1}{4}$ ,  $\ddot{U}$ ,  $\frac{1}{2}$ ,  $\hat{I}\check{Z}i-\mathfrak{p}$ ,  $\mathfrak{a}^{\mathfrak{e}}\hat{e}$ ——,  $\acute{E}\check{S}\ddot{U}$ ,  $\ddot{U}$ ,  $\mathfrak{e}$ ,  $\hat{A}$ ,  $\clubsuit$ ,  $\hat{E}$ ,  $\clubsuit\square\hat{e}\square\ddagger$ ,  $\acute{I}\square A[fQ\square[f\epsilon fRf^{\mathfrak{f}}fgf\square\square[f\%$ ,  $\mathfrak{l}'\mathfrak{C}\% \hat{A}]$   
,  $\mathfrak{d}fNf\check{S}fbfN$ ,  $\mu$ ,  $\hat{A}fhf\%fCfo$ ,  $\mathfrak{d}fCf^{\mathfrak{f}}fXfg\square[f<^{\mathfrak{,}}$ ,  $\acute{e}$ ,  $\odot\square A$ ,  $\ddot{U}$ ,  $\frac{1}{2}$ ,  $\acute{I}$   $[f^{\mathfrak{+}}\square[fU\square[\mathfrak{e}^<^{\mathfrak{`}}$ ] ,  $\mathfrak{d}fNf\check{S}fbfN$ ,  $\mu$ ,  $\hat{A}$ “ $\acute{A}\acute{E}\check{Z}\odot$ ,  $\mathfrak{l}fRf^{\mathfrak{f}}fgf\square\square[f\%$   
,  $\mathfrak{d}\square\mathfrak{i}\square\neg$ ,  $\mu$ ,  $\hat{A}$ ,  $\mathfrak{,},\frac{3}{4},^3,\clubsuit\square B$

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

fQ[f€ fRf“fgf[f%,lŽ²”,đŽw’è,μ,Ü,·B—áŠO,à, ,è,Ü,·,ªA2 Ž²,lfQ[f€ fRf“fgf[f%  
,í`ê”Ê,ÉAā%°,; ,æ,Ň¶%E,É“®,«,Ü,·B3 Ž²,lfQ[f€ fRf“fgf[f%,íA`ê”Ê,ÉAfXf bfgf<  
fRf“fgf[f<,đ'ñ<Ÿ,μ,Ü,·B4 Ž²,lfQ[f€ fRf“fgf[f%,íA'ÊíAfXf bfgf<,Æf%f\_ [ ,đ'ñ<Ÿ,μ,Ü,·B

$fQ \sqcup [f \in fRf \text{ “} fgf \sqcup \sqcup [f\%_o, \mathfrak{l} \{f^{\wedge}f \text{ “} \sqcup \text{”}, \mathfrak{d}\check{Z}w'è, \mu, \ddot{U}, \cdot \sqcup B$

fQ□[f€ fRf“fgf□□[f%,a'P□f,ÈfWf‡fCfXfefBfbfN,æ,è,â•iŽG,È,à,ì,Â, ,é□ê□‡,Í□A,±,ê,ç,ìlfvfVf‡f“,ì,¢  
,,ê,©,đ'đ,μ,Ů,·□B

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



f p f b f h Ć ^ , ì f R f “ f g f □ □ [ f % , Å , , é , ± , Æ , ð Ž w ' è , μ , Ü , · □ B f p f b f h Ć ^ , ì f R f “ f g f □ □ [ f % , í 8 , Â , ì • ù Ć ü , É “ @ , « □ A ' Ê □ í , í 2  
, Â , © , ç 4 , Â , ì f { f ^ f “ , ð Ž □ , Á , Ä , ç , Ü , · □ B

fXfefAfŠf“fO fzfC□[f◁□AfAfNfZf◁ fyf\_f◁□A,“,æ,ÑfufŒ□[fL fyf\_f◁,ðŽ□,Á,½fRf“fgf□□[f‰,Å, ,é,±  
,Æ,ðŽw`è,μ,Û,·□B

fnfbfg fXfCfbf` (POV) ,đŽ□,Á,½fQ□[f€ fRf“fgf□□[f%,Á, ,é,±,Æ,đŽw'è,μ,Ü,·□Bfnfbfg fXfCfbf` (POV)  
,đŽg,α,Æ□A%æ–Ê□ă,l|fufWfFfNfg,đŒ©,é^Ê'u,Ü,½,í•ûŒü,đŽw'è,Á,«,Ü,·□B

$f \vdash [fU \sqcap [{}^{\text{e}} \text{`} fQ \sqcap [f \in fRf \text{“} fgf \sqcap \sqcap [f\%, \text{ł} \text{--} \text{¼} \text{'O, } \delta \text{“} \ddot{u} \text{—} \acute{I}, \mu, \ddot{U}, \cdot \sqcap B, \pm, \text{ł} \text{--} \text{¼} \text{'O, } \acute{I} \sqcap A [fQ \sqcap [f \in fRf \text{“} fgf \sqcap \sqcap [f\%] \text{ } f\_fCfAf \sqcap fO$   
 $f\{fbfNfX, \text{ł} \text{ } [fRf \text{“} fgf \sqcap \sqcap [f\%] \text{ } ^{\text{e}} \text{—}, \acute{E} \bullet \text{ł} \acute{Z} \text{!}, \text{ } ^3 \text{e}, \ddot{U}, \cdot \sqcap B$

,±,ìfRf“fgf□□[f% ID ,ÉŠ,,è“-Ä,éfQ□[f€ fRf“fgf□□[f%,ð'!‘ð,μ,Ü,·□B  
^ê•",ìfQ□[f€,Å,í□AfQ□[f€ fRf“fgf□□[f%,ðffofCfX ID 1 ,ÉŠ,,è“-Ä,é•K—v,<sup>a</sup>, ,è,Ü,·□B

Ží—▷ (2  $f\{f^{\wedge}f^{\circ},\}ftf\%_o fCf g f^{\wedge}[fN)$  ; ,æ,Ñ□»•i—¼ (Microsoft SideWinder 3D Pro) ,l•Ê,ÉfQ□[f€ fRf“fgf□□[f%  
,lˆê——,ð•žl,μ,Ü,·□B%\_Â“\,Â, ,ê,î□AfQ□[f€ fRf“fgf□□[f%\_o,l<“l“l,Ê□»•i—¼,ð'l,ñ,Â,,¾,¾,¾,¢□B

Ž² 1 , ,æ,Ñ 2 ,l“®,«,l”íí,ðŽ!,μ,Ü,·□BfQ□[f€ fRf“fgf□□[f%,lŽ² 1 , ,æ,Ñ 2 ('Ê□í,í X , ,æ,Ñ Y)  
,l“®,«,l”íí,ð²□®,·,é,É,í□A[²□®□í•ñ] ,lŽwŽ!,É□],Á,Ä,,¼,³,¢□B

Ž² 3 ,ì“®,«,ì”îí,ðž!,μ,Ü,·□BfQ□[f€ fRf“fgf□□[f%o,ìŽ² 3 ,ì“®,«,ì”îí,ð²²□®,·,é,É,í□A[²□®□î•ñ] ,ìžwŽ!,É□],Á,Ä,-  
,¾,¾,¢□B



Ž² 4 ,ì“®,«,ì”îí,ðž!,μ,Ü,·□BfQ□[f€ fRf“fgf□□[f%o,ìŽ² 4 ,ì“®,«,ì”îí,ð²²□®,·,é,É,í□A[²□®□î•ñ] ,ìžwŽ!,É□],Á,Ä,-  
,¾,¾,¢□B

Ž² 5 ,ì“® ,« ,ì”îí ,ðž ! ,μ ,Ü , · □ B f Q □ [ f € f R f “ f g f □ □ [ f % , ðž² 5 , ì“® , « , ì”îí , ð²² □ ® , · , é , É , í □ A [² □ ® □ î • ñ ] , ðž w ž ! , É □ , Á , Ä , -  
, ¾ , ¾ , ¢ □ B

Ž² 6 ,ì"®,«,ì"íí,ðž!,μ,Ü,·□BfQ□[f€ fRf“fgf□□[f%o,ìŽ² 6 ,ì"®,«,ì"íí,ð²²□®,·,é,É,í□A[²□®□î•ñ] ,ìžwŽ!,É□],Á,Ä,-  
,¾,¾,¢□B

*fnfbfg fXfCfbf`* (POV) ,đ□ā%°□¶%E,É"®,©,·,Æ□A,» ,îÊ'u,đŽ!,μ,Ü,·□BfQ□[f€ fRf"fgf□□[f%,ìfnfbfg  
*fXfCfbf`* (POV) ,đ'²□®,·,é,É,í□A[²□@□í•ñ] ,lŽwŽ!,É□],Á,Ä,,¾,³,¢□B

fQ□[f€ fRf“fgf□□[f%  
,Éf%<sub>0</sub>f\_□[.Ü,½,Ífyf\_f<,<sup>a</sup>,,é□ê□‡□A,Ü,½,Í•ÊÆÂ,Éf%<sub>0</sub>f\_□[.Ü,½,Ífyf\_f<,ð•t,¯,½□ê□‡,Í□AfQ□[f€  
,Â□<sup>3</sup>□í,ÉŽg,!,é,æ,α,É,-,é,½,β,É [f%<sub>0</sub>f\_□□ ,ð'!ð,μ,Ü,·□B

fQ[f€ fRf“fgf[f%,đ’@,·,é,É,íA,±,±,đfNfŠfbfN,μ,Ü,·B’2@,·,é,±,Æ,É,æ,èAfQ[f€ fRf“fgf[f%,  
,lŽ²,l“@,«,|”í[ªY’è,³,ê,Ü,·BfQ[f€ fRf“fgf[f%,ªfnfbfg fXfCfbf` (POV) ,đŽ,Á,Ä,¢,éê±,íA,±,l<@“\  
,àY’è,Á,«,Ü,·B

Ž² 1 ; ,æ,Ñ 2 ,ì“®,«,ì”íí,ðŽ!,μ,Ü,·□BfQ□[f€ fRf“fgf□□[f%,ìŽ² 1 ; ,æ,Ñ 2 ('Ê□í,í X ; ,æ,Ñ Y)  
,ì“®,«,ì”íí,ð²□®,·,é,É,í□A[²□®□î•ñ] ,ìŽwŽ!,É□],Á,Ä,,¼,³,¢□B

Ž² 3 ,ì“® ,« ,ì”îí ,ðž ! ,μ ,Ü , · □ B f Q □ [ f € f R f “ f g f □ □ [ f % , ðž² 3 , ì“® , « , ì”îí , ð²² □ ® , · , é , É , í □ A [² □ ® □ î • ñ ] , ðž w ž ! , É □ , Á , Ä , -  
, ¾ , ¾ , ¢ □ B



Ž² 4 ,ì“®,«,ì”îí,ðž!,μ,Ü,·□BfQ□[f€ fRf“fgf□□[f%o,ìŽ² 4 ,ì“®,«,ì”îí,ð²²□®,·,é,É,í□A[²□®□î•ñ] ,ìžwŽ!,É□],Á,Ä,-  
,¾,¾,¢□B

,±,İfēfLfXfg,í□A'²□@□□İ<Æ,İŠēfXfēfbfv,đ□à-¾,μ,Ü,·□B

Ž<sup>2</sup> 1 , ,æ,Ñ 2 ,ì“®„«„ì”í“í,ðfēfXfg,·é,½,β,ÉŽg,¢,Ü,·□BfēfXfg f{fbfNfX,ì 4 ,Â,İŠp,·,×,Ä,É`Ú“®„μ,Ä,Ý,Ä,,¾,³,¢□BŽ<sup>2</sup> 1  
 , ,æ,Ñ 2 ,<sup>a</sup>□³,μ,”½%ž,μ,È,¢□ê□‡,Í□AfQ□[f€ fRf“fgf□□[f%„δ□Ä²□®„μ,Ä,,¾,³,¢□B

Ž² 3 ,l"®,«,l"íí,ðfexfg,.,é,½,ß,ÉŽg,¢,Ü,·BfefXfg f{fbfNfX,ì□ã%°,É~Ú"®,μ,Ä,Ý,Ä,,¾,¾,¢BŽ² 3 ,ª□³,μ,-  
"½%ž,μ,È,¢□ê□‡,í□AfQ□[f€ fRf"fgf□□[f%°,ð□Ä'²□®,μ,Ä,,¾,¾,¢□B

Ž² 4 ,l"®,«,l"íí,ðfexfg,·,é,½,ß,ÉŽg,¢,Ü,·BfefXfg f{fbfNfX,ì□ã%°,É~Ú"®,μ,Ä,Ý,Ä,,¾,¾,¢BŽ² 4 ,ª□³,μ,-  
"¹½%ž,μ,È,¢□ê□‡,í□AfQ□[f€ fRf"fgh□□[f%°,ð□Ä'²□®,μ,Ä,,¾,¾,¢□B

Ž² 5 ,l"®,«,l"íí,ðfexfg,.,é,½,ß,ÉŽg,¢,Ü,·BfefXfg f{fbfNfX,ì□ã%°,É~Ú"®,μ,Ä,Ý,Ä,,¾,¾,¢□BŽ² 5 ,ª□³,μ,-  
"½%ž,μ,È,¢□ê□‡,í□AfQ□[f€ fRf"fgf□□[f%°,ð□Ä'²□®,μ,Ä,,¾,¾,¢□B

Ž² 6 ,l"®,«,l"íí,ðf efXfg,·,é,½,ß,ÉŽg,¢,Ü,·Bf efXfg f{fbfNfX,ì□ã%°,É~Ú"®,μ,Ä,Ý,Ä,,¾,¾,¢□BŽ² 6 ,ª□³,μ,-  
"¹½%ž,μ,È,¢□ê□‡,í□AfQ□[f€ fRf"f gf□□[f%ø,ð□Ä'²□®,μ,Ä,,¾,¾,¢□B

fQ[f€ fRf“fgf□□[f%o,lfnfbf g fXfCfbf` (POV) ,ðfefXfg,.,é,½,ß,ÉŽg,¢,Ü,·□Bfnfbfg fXfCfbf` (POV)  
,ðfefXfg,.,é,É,í□A□ã%o□¶%oE,É“®,©,μ,Ä,Ý,Ä,,¾,³,¢□B□³,μ,"½%oŽ,μ,È,¢□ê□‡,í□AfQ□[f€ fRf“fgf□□[f%o  
,ð□Ä'²□®,μ,Ä,,¾,³,¢□B



*f*Q□[*f*€ *f*R*f*“*f*g*f*□□[*f*%<sub>0</sub>,*l**f*{*f*^*f*“,*ð**f*e*f*X*f*g,μ,Ü,·□B^ê“x,É 1 ,Â,,*Â*□A%<sub>0</sub>Ÿ,μ,Ä,Ý,Ä,,¾<sub>4</sub>,<sup>3</sup>,¢□B*f*{*f*^*f*“”Ô□†,Í□A*f*Q□[*f*€  
*f*R*f*“*f*g*f*□□[*f*%<sub>0</sub>,*l*□»‘¢£<sup>3</sup>,*Â*Š<sub>00</sub>,è“–,Ä,ç,ê,Ä,¢,Ü,·□B

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

'²»»»ikÆ,ì'O,ìfXfefbfv,É-ß,è,Ü,·»BÆ»»Ý,ìŽ²,í²»»,³ê,È,¢,Ü,Ü,É,È,é,©»A,Ü,½,íÆ³,ì²»®'ì,É-ß,è,Ü,·»B

Œ»□Ý,ì²□»fXfefbfv,ðfXfLfbfv,μ,Ä□AŽŸ,É²□»,.,éfRf“fgf□□[f<,É~Ú“@,μ,Ü,.□BŒ»□Ý,ìŽ²,í²□»,³,ê,È,¢  
,Ü,Ü,É,È,é,©□A,Ü,½,íŒ³,ì²□@!É–β,è,Ü,.□B

fnfbfg fXfCfbf` (POV) ,đ²».,.é,Æ,«,íAŠefXfefbfv,ìĚă,É,±,ìf{f^f“,đfNfŠfbfN,.,é,©A,Ü,½,í Enter  
fL[,đ%Ÿ,μ,Ă,,¾,³,¢B

'²»»»ikÆ,ì'O,ìfXfefbfv,É-ß,è,Ü,·»BÆ»»Ý,ìŽ²,í²»»,³ê,È,¢,Ü,Ü,É,È,é,©»A,Ü,½,íÆ³,ì²»®'ì,É-ß,è,Ü,·»B

Œ»□Ý,ì²□»fXfefbfv,ðfXfLfbfv,μ,Ä□AŽŸ,É²□»,.,éfRf“fgf□□[f<,É~Ú“@,μ,Ü,.□BŒ»□Ý,ìŽ²,í²□»,³,ê,È,¢  
,Ü,Ü,É,È,©□A,Ü,½,íŒ³,ì²□@!É–β,è,Ü,.□B

