

fVfXfef€,É*fCf*“*fXfg*□[*f*◁,³ê,Ä,¢,é*fQ*□[*f*€ *fRf*“*f*g*f*□□[*f*%₀,îê——,ª\Ž|,³ê,Ü,·□*BfRf*“*f*g*f*□□[*f*%₀
,î*efXfg*□*A*□\□¬□*A*,Ü,¹/₂,í□*Ä*’²□@,ð□*s*,ª,É,í□*AfRf*“*f*g*f*□□[*f*%₀,đ'î'ð,µ,Ä,©,ç [*f**v**f*□*f**p**f**e**f**B*] ,đ*fNfŠf**b**fN*,µ,Ü,·□*B*

□V,μ,¢fQ□[f€ fRf"fgf□□[f%ø,ð'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

,±,ìfQ□[f€ fRf“fgf□□[f‰,ìfefXfg□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*◁,³ê,Ä,¢,é*fQ*□[*f*€ *fRf*“*f*g*f*□□[*f*%₀,î^ê——,^a•Ž!₁,³ê,Ü,·□B

fRf“fgf□□[f% ID ,Æ□AŠe ID ,ÉŒ»□ÝŠ,,,è“- ,Ä,ç,ê,Ä,č,é fQ□[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,^a*f*|□[*f*g *f*h*f*%*f*C*f*o,đ•K—v,Æ,.,é□ê□‡,Í□A,±,î[^]ê——,©,ç*f*|□[*f*g
*f*h*f*%*f*C*f*o,đ'!*đ*,μ,Ä,,¾,³,¢□B

fQ[f€,ðf!f“f%ofCf“,ÅfvfƎfC,μ,Ä,¢,é,Æ,«,Éf,ff€,l–â'è,"¶,·,éê±,íAf`fFfbfN f{fbfNfX,ðf!ft,É,μ,Ä,-
,¾,¾,¢B

Ží—▷ (2 $f\{f^{\wedge}f^{\circ},\grave{\imath}f\mathfrak{t}f\%fCf\mathfrak{g}\mathfrak{f}^{\wedge}\square[fN)\text{ ; },\ddot{\imath},\mathfrak{a}\mathfrak{e},\tilde{N}\square\gg\bullet\mathfrak{i}-\frac{1}{4}$ (Microsoft SideWinder 3D Pro) ,\grave{\imath}\bullet\hat{E},\acute{E}fQ\square[f\mathfrak{E}fRf^{\circ}fgf\square\square[f\%
,\grave{\imath}\hat{e}\text{——},\mathfrak{d}\bullet\grave{\imath}\check{Z}\mathfrak{!},\mu,\ddot{U},\cdot\square B\%_{\circ}\hat{A}^{\circ}\backslash,\hat{A},\text{ ,}\hat{e},\hat{\imath}\square AfQ\square[f\mathfrak{E}fRf^{\circ}fgf\square\square[f\%_{\circ},\grave{\imath}\mathfrak{c}\mathfrak{i}\mathfrak{i}\mathfrak{i}\mathfrak{i}\mathfrak{i}\mathfrak{i},\hat{E}\square\gg\bullet\mathfrak{i}-\frac{1}{4},\mathfrak{d}\mathfrak{!},\mathfrak{n},\hat{A},,\frac{3}{4},^3,\mathfrak{C}\square B
 $fQ\square[f\mathfrak{E}fRf^{\circ}fgf\square\square[f\%_{\circ},\grave{\imath}\square\gg\bullet\mathfrak{i}-\frac{1}{4},\ddot{U},\frac{1}{2},\acute{\imath}\check{Z}\acute{\imath}\text{—}\mathfrak{p},^{\mathfrak{a}}\hat{e}\text{——},\acute{E}\check{S}\ddot{U},\ddot{U},\hat{e},\hat{A},\mathfrak{C},\hat{E},\mathfrak{C}\square\hat{e}\square\ddagger,\acute{\imath}\square A[fQ\square[f\mathfrak{E}fRf^{\circ}fgf\square\square[f\%_{\circ},\grave{\imath}\mathfrak{C}\%_{\circ}\acute{A}]$
, $\mathfrak{d}\mathfrak{f}N\mathfrak{f}\check{S}\mathfrak{f}\mathfrak{b}\mathfrak{f}N,\mu,\hat{A}\mathfrak{f}\mathfrak{h}\mathfrak{f}\%_{\circ}fC\mathfrak{f}\mathfrak{o},\mathfrak{d}\mathfrak{f}C\mathfrak{f}^{\circ}fXf\mathfrak{g}\square[f<,\cdot,\acute{e},\mathfrak{C}\square A,\ddot{U},\frac{1}{2},\acute{\imath}[f\mathfrak{+}\square[fU\square[\grave{e}<^{\circ}]$, $\mathfrak{d}\mathfrak{f}N\mathfrak{f}\check{S}\mathfrak{f}\mathfrak{b}\mathfrak{f}N,\mu,\hat{A}^{\circ}\mathfrak{E}\check{Z}\mathfrak{C},\grave{\imath}fRf^{\circ}fgf\square\square[f\%_{\circ}$
, $\mathfrak{d}\square\grave{\imath}\square\text{—},\mu,\hat{A},,\frac{3}{4},^3,\mathfrak{C}\square B$

Žg—p't,ìfQ□[f€ fRf“fgf□□[f%,ªfRf“fgf□□[f%,ì^ê——,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`è”Ê,ÉAā%°,; ,æ,Ň¶%E,É“®,«,Ü,·B3 Ž²,lfQ[f€ fRf“fgf[f%,íA`è”Ê,ÉAfXfbfgf<
fRf“fgf[f<,đ'ñ<Ÿ,μ,Ü,·B4 Ž²,lfQ[f€ fRf“fgf[f%,íA'ÊíAfXfbfgf<,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%,"P f,ÈfWf‡fCfXfefBfbfN,æ,è,â•iŽG,È,à,ì,Â, ,éêê‡,íA,±,ê,ç,ìlfvfVf‡f“,ì,¢
,,ê,©,đ'đ,μ,Ů,•B

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

fpfbfhĈ^,lfRf“fgf□□[f%,Å, ,é,±,Æ,ðŽw'è,μ,Û,·□BfpfbfhĈ^,lfRf“fgf□□[f%,Í 8 ,Â,Ì•ûĈÛ,É“@,«□A'Ê□í,Í 2
,Â,©,ç 4 ,Â,lf{f^f“,ðŽ□,Á,Ä,č,Û,·□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

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

$f \vdash [fU \sqcap [{}^{\text{e}} \text{`} fQ \sqcap [f \in fRf \text{“} fgf \sqcap \sqcap [f\%, \text{!} - \frac{1}{4} \text{'O}, \text{d}^{\text{u}} \text{—} \acute{\text{I}}, \mu, \ddot{\text{U}}, \cdot \sqcap B, \pm, \text{!} - \frac{1}{4} \text{'O}, \acute{\text{I}} \sqcap A [fQ \sqcap [f \in fRf \text{“} fgf \sqcap \sqcap [f\%] f_fCfAf \sqcap fO$
 $f\{fbfNfX, \text{!} [fRf \text{“} fgf \sqcap \sqcap [f\%] \text{^}\acute{\text{e}} \text{—}, \acute{\text{E}} \cdot \text{!} \acute{\text{Z}}, \text{^} \acute{\text{e}}, \ddot{\text{U}}, \cdot \sqcap B$

,±,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,^a, ,è,Ü,·□B

Ží—▷ (2 $f\{f^{\wedge}f^{\circ}\}$, $\dot{f}f\{f\%fCf\dot{g}\ f^{\wedge}[fN)\}$; ,æ,Ñ◻»•i—¼ (Microsoft SideWinder 3D Pro) , $\dot{l}\bullet\hat{E}$,ÉfQ◻[f€ fRf“fgf◻◻[f%
, $\dot{l}^{\hat{e}}$ ——,ð• \check{Z} !,μ,Ü,◻B% $\hat{A}^{\circ}\backslash\hat{A}$, ,ê,Î◻AfQ◻[f€ fRf“fgf◻◻[f% \circ , $\dot{l}^{\circ}\dot{l}^{\circ}\dot{l}^{\circ}$,È◻»•i—¼,ð^l,ñ,Ä,,¾,³,¢◻B

Ž² 1 , ,æ,Ñ 2 ,ì“®,«,ì”íí,ðŽ!,μ,Ü,·□BfQ□[f€ fRf“fgf□□[f%o,ìŽ² 1 , ,æ,Ñ 2 ('Ê□í,í X , ,æ,Ñ Y)
,ì“®,«,ì”íí,ð²□®,·,é,É,í□A[²□®□í•ñ] ,ìŽwŽ!,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,·□BfQ□[f€ fRf“fgf□□[f%o,ìŽ² 5 ,ì“®,«,ì”îí,ð²²□®,·,é,É,í□A[²□®□î•ñ] ,ìžwŽ!,É□],Á,Ä,-
,¾,¾,¢□B

Ž² 6 ,ì“® ,« ,ì”îí ,ðž ! ,μ ,Ü , · □ B f Q □ [f € f R f “ f g f □ □ [f % , ðž² 6 ,ì“® ,« ,ì”îí ,ð² □ ® , · , é , É , í □ A [² □ ® □ î • ñ] , ðž w ž ! , É □ , Á , Ä , - , ¾ , ³ , ¢ □ B

fnfbfg fXfCfbf` (POV) ,đ□ã%°□¶%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%₀f_□[Ü,½,Íyf_f<,^a,,é□ê□‡□A,Ü,½,Í•ÊÆÂ,Éf%₀f_□[Ü,½,Íyf_f<,ð•t,¯,½□ê□‡,Í□AfQ□[f€
,Â□³□í,ÉŽg,!,é,æ,α,É,-,é,½,β,É [f%₀f_□□ ,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“@,«,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 ,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 , · □ 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 , ³ , ¢ □ B

Ž² 4 ,ì“® ,« ,ì”îí ,ðž ! ,μ ,Ü , · □ B f Q □ [f € f R f “ f g f □ □ [f % , ò Ž² 4 , ì“® , « , ì”îí , ð² □ ® , · , é , É , í □ A [² □ ® □ î • ñ] , ò ž w ž ! , É □ , Á , Ä , -
, ¾ , ³ , ¢ □ B

,±,ìfēfLfXfg,í□A²□@□□ì<Æ,ìŠēfXfēfbfv,ð□à-¾,μ,Ü,·□B

Ž² 1 , ,æ,Ñ 2 ,ì“®„,ì”íí,ðfēfXfg,·,é,½,β,ÉŽg,¢,Ü,·□BfēfXfg f{fbfNfX,ì 4 ,Â,İŠp,·,×,Ä,É`Ú“®„,μ,Ä,Ý,Ä,,¾,³,¢□BŽ² 1
 , ,æ,Ñ 2 ,^a□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"f gf□□[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,-
"¹½%ž,μ,È,¢□ê□‡,í□AfQ□[f€ fRf"fgf□□[f%°,ð□Ä'²□®,μ,Ä,,¾,¾,¢□B

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

fQ[f€fRf“fgf□□[f%o,lfnfbfqfXfCfbf` (POV) ,ðfefXfg,.,é,½,ß,ÉŽg,¢,Ü,·□BfnfbfqfXfCfbf` (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

fQ□[*f*€ *fRf*“*fgf*□□[*f*%,ì{*f*^*f*“,ð*fefXfg*,μ,Ü,·□*B*^ê“*x*,É 1 ,Â,,Â□*A*%₀Ÿ,μ,Ä,Ý,Ä,,¾,³¢□*Bf*{*f*^*f*""Ô□†,Í□*AfQ*□[*f*€
fRf“*fgf*□□[*f*%,ì□»‘¢*Ɛ*³,ĂŠ,,,è“–,Ă,ç,ê,Ä,¢,Ü,·□*B*

fnfbfg fXfCfbf` (POV) ,đ²□®,.,é,Æ,«,«□AŠefXfefbfv,łĚã,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»»»i«Æ,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□»,.,éRf“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

