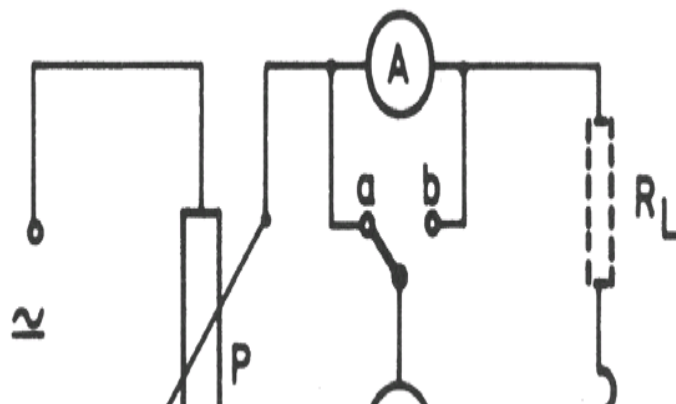




mf g'''h'lg'htgmgpeg'u qx²j q'pcr v

Qdxqf 'l cr ql'p g'f'ng' qdtc| gp²j q'uej²o cw'3<



"R k'uglpquo tp²o "pcr v o p g'qf r qt'xlpw'e'xm'.'mgt .lcm'r n{pg' 'tqxpleg\*3w'rtq'."dwf g'tqxp'r qo tw'pcr v c'r tqwf w'r k'r qm| g'mf g'40Vqv'o gp'r tqxª f p g'r qw g'r tq'e'xm'w'dg| "ª f tc0F cn' o gp'r tqxª f p g'ug' f tq lgo 'uv' f cx²j pcr v

Rtq" kpkgnlcmquk'e'xnf"r nv

$$\underline{S} - \frac{wN}{T_N} - \underline{v}j$$

\*5+

nf g''' 'lg'lf| qx 'r quwx

""""""w'lg'Àj nxª'htgmgpeg.'r tq'mgtqw'r nv|x| vj'w'?' /

""""""T'lg'qf r qt'xlpw'e'xm'0

Xgk kpw'ug'j qf pqv'hxckc'e'xm'0D flp 'x't vqf "32'cf'f q'3220

Mcr cekc'nupf gp|ª vqt w

O gp'r tqxª f p g'f'ng' qdtc| gp²j q| cr qlgp'k

Rqo t'ghgmxp'j q'pcr v'c'r tqwf w'lg'tqxp'xgkquk'lo r gf cpeg'nupf gp|ª vqt w.'mgt "h g'x{lª f k'r qo qe'|x| vj w'

\*6+

O p gpcr v'W'c'r tqwf"Krtqejª | gl'e'nupf gp|ª vqt go 0

\ c'ur p p²r qf o 'pm' 'wt p gncr cekw'E'r qo qe'|x| qteg

Rq| p' Rqf tqdp l- x mcf'vgqtlg'ku'qf xq| gp'p'x'"j3\_ 'ut066'c'f cn- Xg'x{ r ucp'vgqtluqwf f g'wxgf gp{x| vj { 'mgt' 'lg'r qv gdc'pc x r q v{0

O gp

P co gp'j qf pqv'luqw'wxgf gp{x'cdwmf ej (P gp'rkwxgf gpq'lkpcm'cduqwp'ej { d{'xgrk kp'luqw'q| pc gp{'u{o dqrgo" 0 Rn(pqw' 'r gupquv' 'jvtql " k' a nup "gp'ej { d0

3+'kpf wm pquv'e'km'pc'r tqej 'a | gl'p'r tqwf wc'r 'unw-p" kpkgn'lcnuv'e'xgm

O gp'lugo 'r tqxgf r'x'| cr qlgp'f r'uej '2o cw'30'Qdxqf 'lg'| cr qlgp'pc'uv'f cx 'f tq10X-gej pc'o gp'd{r'r tqxgf gpc x'| cr qlgp'k dō.'pgdq 'lugo 'x'qo vq| cr qlgp'pgo wug'wxcfqxc'r tqwf 'vgnqwe'xqno gvtgo Qf r qt 'xqno gvtvd{nf quv'g p 'xgm 0 M'x r q wlpf wm pquv'wxcfw'qf r qt'e'km'

$$T''? \text{ } ^{\circ}5.24 \pm ^{\circ}2.27 + W$$

wxgf gp 'p'fig0

X ungf pqwlpf wm pquv'e'km' 'lugo 'r tq 'x-gej p{'r 'f cf { 'wt kl' 'kpg' tp'gi tguv. 'uvlp 'lcnu 'x ungf p 'lcnuv'p' kpkgn \ 'a xknuvlpf wm pquv'e'km'pc'r tqwf wluqw' p'a | qtp p{x'i tchgej'3.'4'c'50

wm'3'6'kpf wm pquv'e'km' 'dgl 'l'f t c

Q	Q	N	N	Š	Š	Ů	Ů
Jo C_	Jo C_Á	Žá	ŽÁ	Ž Pá	Ž PÁ		
F€	í	€G	€G	F€	F€	F€	€F
Fí€	í	€€	€G	Fí€	€í	Fí€	€í
G€	í	F€	€G	Fí€	€J	Fí€	€í
Gí€	í	F€	€G	Fí€	€€	Fí€	€í
H€	í	F€G	€G	Fí€	€í	Fí€	€í
Hí€	í	Fí€	€G	Fí€	€€	Fí€	€í
I€	í	Gí€	€G	Fí€	€í	Fí€	€í
Ií€	í	Gí€	€G	Fí€	€í	Fí€	€í
í€	í	Gí€	€G	Fí€	€í	Fí€	€í

X ungf p'a 'kpf wm pquv'e'km' 'dgl 'l'f t c

X ungf p " kpkgn'lcnuv'e'km' 'dgl 'l'f t c

Vcdwm'4'6'kpf wm pquv'e'km' 'dgl 'l'f t c

Q	Q	W	W	Š	Š	Ů	Ů
Jo C_	Jo C_Á	Žá	ŽÁ	Ž Pá	Ž PÁ		
í€	í	Fí€	€G	íí€	íí€	íí€	€í
í€	í	Fí€	€G	íí€	íí€	íí€	€í
J€	í	Gí€	€G	íí€	íí€	íí€	€í
FF€	í	Gí€	€G	íí€	íí€	íí€	€í
FHE	í	Hí€	€G	íí€	íí€	íí€	€í

Fí €	í	Hĕ €	ĕĕí	ĭíĕJ	Ǽĭ J	ĩ ĩ	ĕĕH
Fĩ €	í	I ĕí	ĕĕí	ĭíĕG	Ǽĩ	ĩ ĩ	ĕĕG
FJ€	í	I ĕí	ĕĕí	ĭíĕG	Ǽĩ	ĩ ĩ	ĕĕG
GF€	í	í ĕĕ€	ĕĕí	ĭíĕĭ	Fĕí	ĩ ĩ	ĕĕG
GH€	í	í ĕĕ€	ĕĕí	ĭíĕF	Fĕ€	ĩ ĩ	ĕĕG
Gí €	í	í ĩí	ĕĕí	ĭíĕí	Fĕĭ	ĩ ĩ	ĕĕG

X ungf p<sup>a</sup> "lpf wm pquv<sup>N</sup>?" %97.97'±''2.32+o J

X ungf p " lpkgnlcnquv<sup>S</sup>?" %9.∴; '±''2.36+''

Vcdwmc'5'6'lpf wm pquv<sup>e</sup>knf 'u'w|cx gp o 'l<sup>a</sup>f tgo

Q Jo C_	Q̇ Jo C_Á	W Žá	Ẇ ŽáÁ	Š Žá	Ṧ ŽáÁ	Ů	Ů̇
í €	í	Hĭ	F	Ǽĭ	ĕĕĭ	G í ĩG	G ĩ ĩ
ĩ €	í	í I	F	Ǽĭ	ĕĕĭ	G í ĩ	F ĩ ĩ
J€	í	ĭ ĭ	F	Ǽĭ €	ĕĕĭH	G ĩ ĩ	F ĩ ĩ
FF€	í	ĭ ĭ	F	Ǽĩ	ĕĕ€	G ĩ ĩ	F ĕĕ
FH€	í	J€	F	Ǽĕ€	ĕĕĭ	G ĩ ĩ	ĩ ĩ
Fí €	í	Fĕ€	F	ǼĕG	ĕĕĩ	G ĩ ĩ	ĩ ĩ
Fĩ €	í	Fĕĭ	F	ǼĕG	ĕĕĩ	G ĕĕĕ	ĩ ĩG
FJ€	í	FFĭ		FĕI	ĕĕí	G ĕĕĕ	ĩ ĩ
GF€	í	FH		ǼĕH	ĕĕí	G ĕĕĕ	ĩ ĩ
GH€	í	F	F	FĕI	ĕĕĭ	G ĕĕĕ	ĩ ĩ
Gí €	í		F	FĕH	ĕĕĭ	FJĕĭ	H ĩ
Gĩ €	í	Fí €	F	Fĕĭ	ĕĕĕ	F ĩ ĩ	H ĕĕ

X ungf p<sup>a</sup> "lpf wm pquv<sup>N</sup>?" %4.3'±''2.3+J

X ungf p " lpkgnlcnquv<sup>S</sup>?" %442'±''6+''

I tch3'6\"<sup>a</sup> xknquv'lpf wm pquv<sup>e</sup>knf 'pc'rtqwf w'  
rtq'v<sup>e</sup>knw'dgl 'l<sup>a</sup>f tc''

I tch'4'6\" a xkuqu'lpf wm pquk'e'xnf 'pc'rtqwf w'  
rtq'e'xmw'uqvx gp o l'aftgo "

I tch5'6" a xluquv'lpf wm pquk'e'xnm 'pc'rtqwf w'  
rtq'e'xmw'u'w cx gp o 'la ftgo

A scatter plot showing the relationship between the number of hours per week spent on a hobby (X-axis) and the number of hours per week spent on a job (Y-axis). The X-axis ranges from 0 to 30, and the Y-axis ranges from 0 to 5. Data points are plotted at (0, 5), (1, 4), (2, 3), (3, 2), (4, 1), (5, 0), (10, 0), (15, 0), (20, 0), (25, 0), and (30, 0). A horizontal line is drawn at Y=0, and a vertical line is drawn at X=0. The plot is labeled 'Hobby' and 'Job'.

4-'O gp'qf r qtwe'km'b gwf qwr 'b qw  
Qdxqf'3'lg'x'qo vdr 'f cf 'r krlgpb'c'uglpquo tp'f ftql0

Vcdwnc"6"/Pco gp<sup>2</sup>j qf pqv' r tqwf wē'pcr v'rtq'wt gp'qf r qt wē'km

<i>W</i>	<i>Aw</i>	<i>Q</i>	<i>Q</i>
X_	X_	ǂǂǂ	ǂǂǂ
ǂǂǂ	ǂǂǂ	ǂǂǂ	ǂǂǂ
ǂǂǂ	ǂǂǂ	ǂǂǂ	ǂǂǂ
ǂǂǂ	ǂǂǂ	ǂǂǂ	ǂǂǂ

ᄀ	ᄁ	ᄂ	ᄃ
ᄄ	ᄅ	ᄆ	ᄇ
ᄈ	ᄉ	ᄊ	ᄋ

Nkpg<sup>a</sup>tpᄀgi tguᄀ "Qj o qxc<sup>a</sup> nupc<sup>a</sup> ᄀun<sup>a</sup>x<sup>a</sup>o'qf r qt'eᄀkm<

$T_N''?~''*5.24'\pm'2.27+W$

5+"Xgrknquᄀner cekᄀhupf gp<sup>a</sup> vqt

Igf pqv<sup>kx</sup>2hupf gp<sup>a</sup> vqt {ner cekpᄀgn<sup>a</sup>f { 'luqwq| pc gp{ " ᄀun<sup>a</sup>'r ᄀo q'lglej "ner cekq<sup>w</sup>wx<sup>a</sup>f pq<sup>w</sup>x" H'pc'ner cekpᄀgn<sup>a</sup>f 0  
Vcdwmc'7'wx<sup>a</sup>f ᄀur q ᄀcpqᄀner cekwE'Igf pqv<sup>kx</sup> ejhupf gp<sup>a</sup> vqt ' 'hpg<sup>a</sup>tpᄀgi tgug<sup>c</sup>'ᄀfl'qf r qt'hupf gp<sup>a</sup> vqt 0

Vcdwmc'7'ᄀ'Mcr cek{ 'c'qf r qt{ 'hupf gp<sup>a</sup> vqt 'f gn<sup>a</sup>f {

ᄀᄀ G	Q ᄀo C_	ᄀᄀᄀ	ᄀᄀᄀ	ᄀᄀ G	ᄀᄀ €	ᄀᄀ ᄀ	Fᄀᄀ	ÔÁ Ž HÁ	ÔÁ Ž HÁ	Qᄀo C_	Fᄀᄀ	Ü Ž Ωá	Ü Ž Ωá
	Q ᄀo C_	ᄀᄀᄀG	ᄀᄀᄀG	ᄀᄀᄀG	ᄀᄀᄀG	ᄀᄀᄀG	ᄀᄀᄀG	ᄀᄀ ᄀ Á	ᄀᄀᄀ Á	Qᄀo C_	ᄀᄀᄀ	Gᄀ	ᄀ
	W Žá	Fᄀᄀᄀ	Gᄀᄀᄀ	Hᄀᄀᄀ	I ᄀᄀᄀ	í ᄀᄀᄀ	î ᄀᄀᄀ			WŽá	Hᄀ		
	W Žá	ᄀᄀᄀG	ᄀᄀᄀG	ᄀᄀᄀ	ᄀᄀᄀ	ᄀᄀᄀ	ᄀᄀᄀ			WŽá	ᄀᄀᄀ		
ᄀᄀ G	Q ᄀo C_	ᄀᄀᄀᄀ	ᄀᄀᄀ	ᄀᄀ ᄀ	ᄀᄀ G	ᄀᄀ G	Fᄀᄀᄀ	ÔÁ Ž HÁ	ÔÁ Ž HÁ	Qᄀo C_	G	Ü Ž Ωá	Ü Ž Ωá
	Q ᄀo C_	ᄀᄀᄀᄀG	ᄀᄀᄀᄀG	ᄀᄀᄀᄀG	ᄀᄀᄀᄀG	ᄀᄀᄀᄀG	ᄀᄀᄀᄀG	ᄀᄀ ᄀ	ᄀᄀᄀᄀ	Qᄀo C_	ᄀᄀᄀᄀ	Fí	H
	W Žá	Fᄀᄀᄀᄀ	Gᄀᄀᄀᄀ	Hᄀᄀᄀᄀ	I ᄀᄀᄀᄀ	í ᄀᄀᄀᄀ	î ᄀᄀᄀᄀ			WŽá	Hᄀ		
	W Žá	ᄀᄀᄀᄀG	ᄀᄀᄀᄀG	ᄀᄀᄀᄀ	ᄀᄀᄀᄀ	ᄀᄀᄀᄀ	ᄀᄀᄀᄀ			WŽá	ᄀᄀᄀᄀ		

FÊ F	Q lo C_	ÊÊÎ	ÊÊÌ	FÊEG	FÊH	FÊ G	GÊE	ÔÁ Ž HÁ	ÔÁ Ž HÁ	Qo C_	H	Ü Ž Œá	Ü Ž Œá
	Q lo C_	ÊÊEG	ÊÊEG	ÊÊEG	ÊÊEG	ÊÊEG	ÊÊÍ			Q lo C_	ÊÊ		
	W Žá	FÊEE	GÊEE	HÊEE	I ÊEE	Í ÊEE	Î ÊEE	ÁÊH	ÁÊF	WŽá	HÊ	FÊ	G
	W Žá	ÊÊEG	ÊÊEG	ÊÊÍ	ÊÊÍ	ÊÊÍ	ÊÊÍ			WŽá	ÊÊ		
GÊ H	Q lo C_	ÊÊÌ	FÊÎ	FÊÎ	GÊ Í	HÊÍ	I ÊEE	ÔÁ Ž HÁ	ÔÁ Ž HÁ	Qo C_	Î	Ü Ž Œá	Ü Ž Œá
	Q lo C_	ÊÊEG	ÊÊEG	ÊÊEG	ÊÊÍ	ÊÊÍ	ÊÊÍ			Q lo C_	ÊÊ		
	W Žá	FÊEE	GÊEE	HÊEE	I ÊEE	Í ÊEE	Î ÊEE	ÁÊH	ÁÊG	WŽá	HÊ	Í ÊE	ÊÊ
	W Žá	ÊÊEG	ÊÊEG	ÊÊÍ	ÊÊÍ	ÊÊÍ	ÊÊÍ			WŽá	ÊÊ		
GÊ Í	Q lo C_	ÊÊ G	FÊGG	FÊ I	GÊ Í	HÊ E	I ÊÍ	ÔÁ Ž HÁ	ÔÁ Ž HÁ	Qo C_	FHÊ	Ü Ž Œá	Ü Ž Œá
	Q lo C_	ÊÊEG	ÊÊEG	ÊÊEG	ÊÊÍ	ÊÊÍ	ÊÊÍ			Q lo C_	ÊÊ		
	W Žá	FÊEE	GÊEE	HÊEE	I ÊEE	Í ÊEE	Î ÊEE	GÊ Á	ÊÊÁ	WŽá	HÊ	GÊ	ÊÊ
	W Žá	ÊÊEG	ÊÊEG	ÊÊÍ	ÊÊÍ	ÊÊÍ	ÊÊÍ			WŽá	ÊÊ		
HÊÍ	Q lo C_	ÊÊ Î	FÊHG	GÊH	HÊ	HÊ	I Ê	ÔÁ Ž HÁ	ÔÁ Ž HÁ	Qo C_	Í Ê	Ü Ž Œá	Ü Ž Œá
	Q lo C_	ÊÊEG	ÊÊEG	ÊÊ	ÊÊ		ÊÊ			Q lo C_	ÊÊ		
	W Žá	FÊEE	GÊEE	HÊEE		Í ÊEE	Î ÊEE	ÁÊH	ÊÊÁ	WŽá	HÊ	Í ÊÍ	ÊÊÍ
	W Žá	ÊÊEG	ÊÊEG		ÊÊÍ	ÊÊÍ	ÊÊÍ			WŽá	ÊÊ		

F kum/ g<

Rq"pco gp"qfrqtwe"xm"lugo"l o k"rqfclqxc2"l<sup>a</sup> xkumw"KØX"r "r cf "e"xm"dg| "l<sup>a</sup> ftc"d{m"l<sup>a</sup> xkumw"o gl "ej"ej {d  
 rpg<sup>a</sup> tp"Vcvq"unwg pqu"lg"fqd g"rcxp<sup>a</sup> "x"i tch"30X"r "r cf "e"xm"u"wj cx gp o"l<sup>a</sup> ftgo "x{ej<sup>a</sup> | "l<sup>a</sup> xkumw"kl"pgnpg<sup>a</sup> tp"V"xm"u  
 wj cx gp o"l<sup>a</sup> ftgo "o n"r qfng"q gn<sup>a</sup> x<sup>a</sup> p"l<sup>a</sup> fqx "x{—"lpf wm pquw"cx-cm"l<sup>a</sup> xkumw"Kl"g"qr vpgnpg<sup>a</sup> tp"Vg"vq"r cxt2"l<sup>a</sup> "i tch"4"e"50  
 lg"vq"l r uqdgpd"l<sup>a</sup> xkumw"l gto gcdk"l<sup>a</sup> ftc"pc"xgrkquw"lo ci pglv"l"lpf wnegx"l<sup>a</sup> f g0  
 "Mxcrkc"e"xm"l<sup>a</sup> fqx "qfrqx"l<sup>a</sup> "q gn<sup>a</sup> xcp o"j qf pqv<sup>a</sup> o 0 kpgf"lcnquk"lg"r "l<sup>a</sup> q"Ào tp "lpf wm pquk"e"xm"l"OW"e"xm"l"dg|  
 l<sup>a</sup> ftc"lg"vgf {"pglpl"l"r tqvflg"lgl"lpf wm pqu"lg"xgm lo cn"OW"e"xm"l"u"wj cx gp o"l<sup>a</sup> ftgo "pcqr cn0

P co k"lugo "j qf pqv"l ncr cek"nupf gp"l<sup>a</sup> vqt ""ncr cekp"l f gn<sup>a</sup> f {0J qf pqv"l ncr cek"nupf gp"l<sup>a</sup> vqt "ug"x"t<sup>a</sup> o ekej {d  
 uj qf w"0J qf pqv"l{x{ej<sup>a</sup> | gl"pl"l"pgfllg"wx<sup>a</sup> f pq00 flg"vq"d v| r uqdgpd"l ugo cvlenquvej {dqw0 gp"00 wu"l<sup>a</sup> g"wx<sup>a</sup> flk"flg"luo g  
 | cpgf dcrkqfrqt"nupf gp"l<sup>a</sup> vqt "mgt "wtg<sup>a</sup> p ej"nupf gp"l<sup>a</sup> vqt "pcd x<sup>a</sup> t<sup>a</sup> g<sup>a</sup> p2"j qf pqv"l"Xk"vcdwme"70



$\sqrt{x}t <$   
 \ o knlugo "l<sup>a</sup> xkuquk'lpf wmpquk'e'xm{ 'dgl 'l<sup>a</sup> ftc."u"qvgx gp o 'k'u'w| cx gp o 'l<sup>a</sup> ftgo 'pc'rtqej<sup>a</sup>| gl'e'p 'rtqwf w0X urgf  
 wxgf gp{ 'x'cdwm<sup>a</sup> ej '3"cf'50\ <sup>a</sup> xkuquk'x{ -n{ 'rtq'e'xm'w'dgl 'l<sup>a</sup> ftc'np<sup>a</sup> tp'0\ <sup>a</sup> xkuquk'rtq'x-gej p{ 'r 'f'cf { 'luqw'wxgf gp{ 'x'i tcl  
 4.'50  
 F<sup>a</sup> rg "lugo 'wt kn'nxcrkwe'xgm'c 'xgknquv'n<sup>a</sup> r cek{ 'nupf gp|<sup>a</sup> vqt 'f gmf { 'xk 0'cdwmc '70 'Rqtqxp<sup>a</sup> p' o gp ej 'j qf pqv  
 nupf gp|<sup>a</sup> vqt 'u'j qf pqvco kxgf gp o 'pc'r 'utqlkxk 0cdwmc'70

Rqwfks<sup>a</sup> 'hgtcwtc<  
 ]3\_""Dcnwg.'T0""Mgtpdgtm'10'H{| kn'ip'rtcmknwo 'K0'URP.'Rtcj c'3; : ;  
 ]4\_""O kmw<sup>a</sup> nlc'nqr0'O cygo cvlen<sup>a</sup>.'h{| kn'ip'c'ej go len<sup>a</sup> 'cdwm{.'Rtqo gj gwu'3; : :