1%&&'
1%&&'-6#/'
-29%&'
$2C2$%$'8M'
6#14'
-6%'O;#/-2-M'
'

8$$232,0&&

./-",$;3%'#'&29 71%'/;9%"23#1'%<7"%&&2,/'2/C,1C2/D'#$$2-2,/='L2&3;&&'-6%'$244%"%/-'5#M&'-,'$%&3"28%'-6%'
9#-6%9#-23#1'&2-;#-2,/='@/3,;"#D%'7#"-2327#-2,/'8M'#&J2/D'4,"'9;1-271%'5#M&'-,'Q/#9%R'-6%'%<7"%&&2,/='
5+6S'&2<'9,"%'-6#/'TU'-6%'&;9',4'42C%'#/$'&2<U'42C%'71;&'&2<'
$

V#C%'&-;$%/-&'4,"9;1#-%'-6%2"',5/'%<#971%&',4'/;9%"23#1'%<7"%&&2,/&'2/C,1C2/D'#$$2-2,/'#/$'6#C%'-6%9'
&6#"%'-6%2"'%<#971%&'#/$'-6%'$244%"%/-'5#M&'-,'Q/#9%R'-6%2"'%<7"%&&2,/&='
$

W%<-:'"%71#3%',/%',4'-6%'/;98%"&'52-6'#'C#"2#81%:'-"#/&2-2,/2/D'2/-,'#1D%8"#23'%<7"%&&2,/&='L2&3;&&'-6%'
$244%"%/-'5#M&'-,'$%&3"28%'-6%'9#-6%9#-23#1'&2-;#-2,/='
x+ S'&2<'9,"%'-6#/'#'/;98%"U'-6%'&;9',4'#'/;98%"'#/$'&2<U'#'/;98%"'71;&'&2<U'#'
/;98%"'2/3"%#&%$'8M'(U'-6%'O;#/-2-M',4'#'/;98%"'#/$'&2<'
$

V#C%'&-;$%/-&'4,"9;1#-%'-6%2"',5/'%<#971%&',4'#1D%8"#23'%<7"%&&2,/&'2/C,1C2/D'#$$2-2,/'#/$'6#C%'-6%9'
&6#"%'-6%2"'%<#971%&'#/$'-6%'$244%"%/-'5#M&'-,'Q/#9%R'-6%2"'%<7"%&&2,/&='
'
A-)32D)2:#32,0&

./-",$;3%'#'&29 71%'/;9%"23#1'%<7"%&&2,/'2/C,1C2/D'9;1-27123#-2,/='L2&3;&&'-6%'$244%"%/-'5#M&'-,'$%&3"28%'
-6%'9#-6%9#-23#1'&2-;#-2,/='@/3,;"#D%'7#"-2327#-2,/'8M'#&J2/D'4,"'9;1-271%'5#M&'-,'Q/#9%R'-6%'
%<7"%&&2,/='
S'%2D6-'-29%&'&%C%/U'&%C%/'-29%&'%2D6-U'-6%'7",$;3-',4'*'#/$'XU'%2D6-'9;1-2712%$'8M'
&%C%/'
'

V#C%'&-;$%/-&'4,"9;1#-%'-6%2"',5/'%<#971%&',4'/;9%"23#1'%<7"%&&2,/&'2/C,1C2/D'9;1-27123#-2,/'#/$'6#C%'
-6%9'&6#"%'-6%2"'%<#971%&'#/$'-6%'$244%"%/-'5#M&'-,'Q/#9%R'-6%2"'%<7"%&&2,/&='
'

W%<-:'"%71#3%',/%',4'-6%'/;98%"&'52-6'#'C#"2#81%:'-"#/&2-2,/2/D'2/-,'

E2(2.2,0&

./-",$;3%'#'&2971%'/;9%"23#1'%<7'"%&&2,/'2/C,1C2/D'$2C2&2,/='L2&3;&&'-6%'$244%'"%/-'5#M&'-,'$%&3"28%'-6%'
9#-6%9#-23#1'&2-;#-2,/='@/3,;'"#D%'7#"-2327#-2,/'8M'#&J2/D'4,"'9;1-271%'5#M&'-,'Q/#9%R'-6%'%<7'"%&&2,/='

—S'424-MH,/%'$2C2$%$'8M'FU'-6%'O;,-2%/-',4'TY'#/$'FU'424-MH,/%'&6#"%$'%O;#11M'#9,/D'

-6'"%%'D",;7&'

'

V#C%'&-;$%/-&'4,"9;1#-%'-6%2"',5/'%<#971%&',4'/;9%"23#1'%<7'"%&&2,/&'2/C,1C2/D'$2C2&2,/'#/$'6#C%'-6%9'
&6#"%'-6%2"'%<#971%&'#/$'-6%'$244%'"%/-'5#M&'-,'Q/#9%R'-6%2"'%<7'"%&&2,/&='

'

W%<-:'"%71#3%',/%',4'-6%'/;98%"&'52-6'#'C#"2#81%:'-"#/&2-2,/2/D'2/-,'#1D%8"#23'%<7'"%&&2,/&='L2&3;&&'-6%'
$244%'"%/-'5#M&'-,'$%&3"28%'-6%'9#-6%9#-23#1'&2-;#-2,/='

—S'#'/;98%":'n:'$2C2$%$'8M'-6'"%%U'-6%'O;,-2%/-',4'#'/;98%"'#/$'FU'#'O;#/-2-M:'n:'
3
&6#"%$'#9,/D'F'D",;7&'

'

V#C%'&-;$%/-&'4,"9;1#-%'-6%2"',5/'%<#971%&',4'#1D%8"#23'%<7'"%&&2,/&'2/C,1C2/D'$2C2&2,/'#/$'6#C%'-6%9'
&6#"%'-6%2"'%<#971%&'#/$'-6%'$244%'"%/-'5#M&'-,'Q/#9%R'-6%2"'%<7'"%&&2,/&='

'

=-93"#:32,0&

./-",$;3%'#'&2971%'/;9%"23#1'%<7'"%&&2,/'2/C,1C2/D'&;8-"#3-2,/='L2&3;&&'-6%'$244%'"%/-'5#M&'-,'$%&3"28%'
-6%'9#-6%9#-23#1'&2-;#-2,/='@/3,;'"#D%'7#"-2327#-2,/'8M'#&J2/D'4,"'9;1-271%'5#M&'-,'Q/#9%R'-6%'
%<7'"%&&2,/='

!S'&%C%/-%%/'92/;&'42C%U'-6%'$244%'"%/3%',4'Y*'#/$'TU'T'1%&&'-6#/'Y*U'42C%'4%5%"'-6#/'
&%C%/-%%/'
Z

Warm

Ticket Out the Door!

Choose Yes or No to indicate which of the following match the expression "Nine less than 7 times a number." If the algebraic expression does not match, write an expression it DOES represent.

$-\ x$ Ⓐ Yes Ⓑ No

$7x \quad 9$ Ⓐ Yes Ⓑ No

$9 < 7$ Ⓐ Yes Ⓑ No

$(9-7)$ Ⓐ Yes Ⓑ No

$x \qquad !$ Ⓐ Yes Ⓑ No

Ticket Out the Door!

Choose Yes or No to indicate which of the following match the expression "Nine less than 7 times a number." If the algebraic expression does not match, write an expression it DOES represent.

$-\ x$ Ⓐ Yes Ⓑ No

$7x \quad 9$ Ⓐ Yes Ⓑ No

Ⓐ Yes Ⓑ No

Ⓐ Yes Ⓑ No

Ⓐ Yes Ⓑ No

five less than three times a number	$3x \quad 5$
the quotient of a number and 6	$\frac{x}{6}$
6 fewer than a number	$! 6$
a number divided by 9	$\_$

9 times the sum of a number and 4 $(\quad 4)$

the quotient of a number and 9	a number decreased by 6

six less than a number