

!
!

!
!

')*%+(), -. !/, *!O. %!

!

! 12%!3)%4%! /!5*#(, . (2%-%. !6#)*7827(, ..7(2%79-%%. :!)!8. %; !(, !)<8. (*#(%!(2%!
;)//%*%-+%!=%(>%%-!?)\$%!-8\$=%* .!#-; !+, \$?, .)(%!-8\$=%* .@!A!(2). !#+()4)(B!).!
+, \$?<%(%; !+, **%+(<B! . (8; %-(!>)<!2#4%!#!4). 8#<!*%/%**%-+%!(2#(!(%<<. !(2%\$!>2)+2!
-8\$=%* .!#*%!?)\$%Q#-; !(2%!/#+(, * .!, !!(2%!+, \$?, .)(%!-8\$=%* .@!D%*%!).! . -%!>#B!(, !
\$#9%!)(!>, *9E!

!

! "I3(8; %-(!=%F)-!=B!+)*+<-F!G@!12). !). !(2%! . \$#<% . (!?*)\$%!-8\$=%* @!!

!

"I3(8; %-(! (2%-!+*, ...!, 8(!%4%*B!-8\$=%*!(2#(!). !#!\$8<()?)<%!, !/G!6H!C! I C!
JK:Q!8.)-F!#!;)#F, -#<!. <#. 2!/*, \$!8??%*!<%/(!(, !<, >%*!*)F2(E!

!

\$ "I3(8; %-(! (2%-!+)*+<%!L!C!(2%-!-%M(!. \$#<% . (!?*)\$%!
-8\$=%* @!

!

% "IN*, ...!, 8(!#<!\$8<()?)<% .!, !/L!C!6! C!O!C!PGK: !8.)-F!#!;)#F, -#<!. <#. 2!/*, \$!
8??%*!*)F2(!, !<, >%*!<%/(E!

!

& "!!" %M(C!+)*+<%!Q@!N*, ...!, 8(!#<!\$8<()?)<% .!, !/Q!6PR!C!PQ!C!GRK: !>)(2!#!
4%*()+<%!. <#. 2E!

!

' "IN)*+<%!S@!N*, ...!, 8(!#<!\$8<()?)<% .!, !/S!6PH!C!GP!C!GJK: !>)(2!#!2, *)T, -(#<!
. <#. 2E!

!

!

("IU)-#<<B!C!+)*+<%!PP@!N*, ...!, 8(!#<!\$8<()?)<% .!, !/PP!>)(2!#!. \$#<!. <#. 2!)-!
(2%!8??%*!<%/(!+, *-%*E

!

!

W- . > %* . E!!

1. How many of the numbers above are prime? 25
2. What is the smallest prime number? 2
3. What are the prime factors of 30? 2, 3, 5
4. Circle the numbers that are divisible by 3: 16, **27**, 43, **51**, **87**

" , (%. E!!!

!

XU, *#!-8\$=%*(, !=%!+, -.); %*%; !Y?*)\$%Z!(!\$8. (!2#4%!%M#+(<B!(>, !;)//%*%-(!
 /#+(, *.E!P!#-; !)(. %</@!1 2%*/ , *%!(2%!-8\$=%*!P!). !-, (!+, -.); %*%; !#!?*)\$%!
 -8\$=%*!=%+#8.%)(!; , %.-, (!2#4%!(>, !;)//%*%-(!/#+(, *.@

!

X[%\$)-; !. (8; %-(!2#(!#<(2, 8F2!(2%!3)%4%!) -;)+#(%.(2%!?)\$%!/#+(, *.!, /!
 +, \$?, .)(%!-8\$=%*.!)(!; , %.-V(!-;)+#(%!>2%-!(2%*#!#*%!*\$8<)?<%.!, /!(2%!.#\$%!
 ?*)\$%!/#+(, *@!U, *)-. (#-+%>%!+#!. %%(2#(!L! !2#. !G!#-; !L!#. !/#+(, *.!)=8(!
 (2%*!). !-, !)-;)+#(), -!(2#(!

$$36 = 2 \cdot 2 \cdot 3 \cdot 3$$