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

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! 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!

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

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

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

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% "IN*, ...!, 8(!#<!\$8<()?)<% .!, !/L!C!6! I!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!

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

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

!

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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!!!

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

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

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