

Grade 7 Math – Review Sheet

Name: _____

No Calculators!

1. Determine if each number is divisible by the number listed and briefly explain why:

A. Is 428 divisible by 4?

Yes because the last 2-digits 28 is divisible by 4.

B. Is 124 132 divisible by 8?

No because the last 3-digits 132 is NOT divisible by 8.

C. Is 459 divisible by 9?

Yes because the sum digits is $4+5+9=18$ is divisible by 9.

D. Is 154 802 divisible by 3?

No because $1+5+4+8+0+2=20$ is NOT divisible by 3.

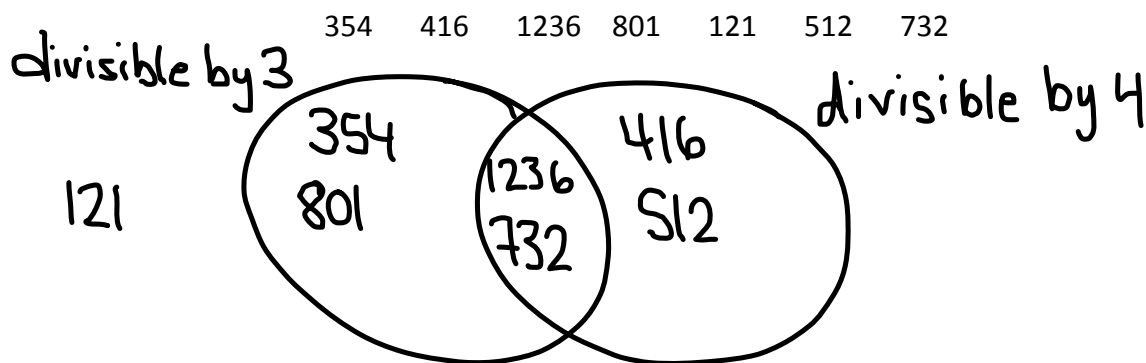
E. Is 425 124 divisible by 2?

Yes because the last digit is even.

F. Is 2 592 divisible by 6?

Yes because it is divisible by 2 and 3.

2. Draw a Venn Diagram with 2 loops. Label the loops as "Divisible by 3" and "Divisible by 4". Sort the following numbers into your Venn Diagram:



3. Which digits (0-9) could go in the blank to make the number divisible by 9?

$$4+2+1+2=9$$

So, if you add 0
it is \div by 9.

$$42 \underline{\quad} 12$$

Answers: 0, 9

if you add 9 the
sum is 18, which is
 $\div 9$