



Unit 10

Name: _____

Lesson 10.3

Grade 5A

Date: _____

Tests of Divisibility

Worksheet

Question one

Here are some numbers.

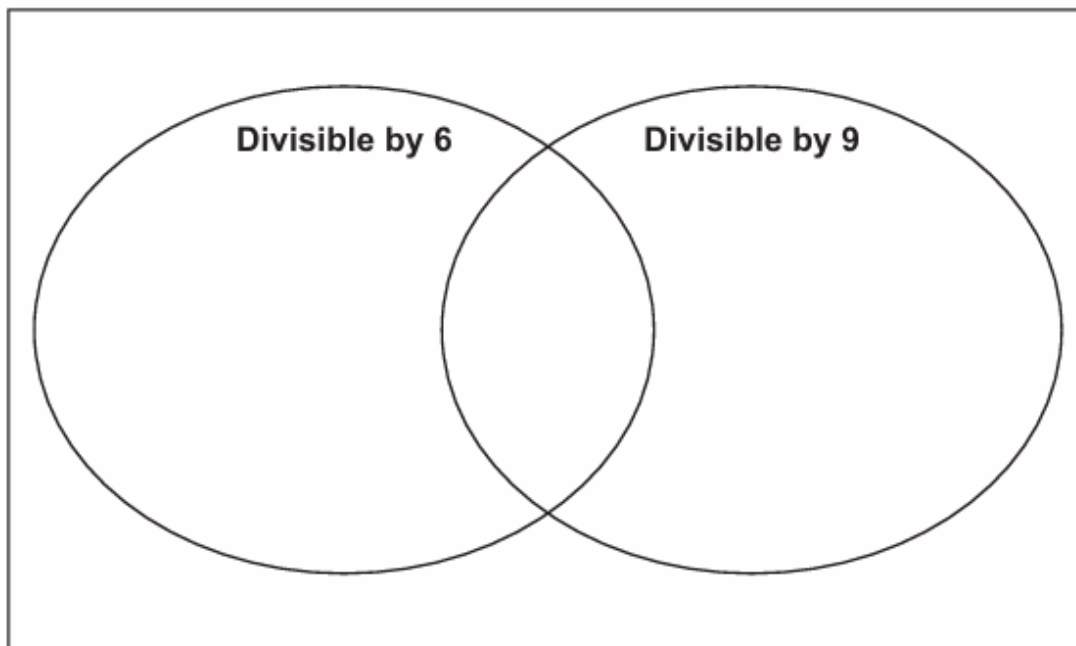
333

543

738

354

Write each number in the correct place on the Venn diagram.



Question two

Write a 3-digit number that is divisible by 2. _____

Question three: Draw a ring around each number that is divisible by 4.

224

240

304

434

422

Question four

Carlos says,



Carlos is **not** correct.

Explain how you know that 34 is **not** a multiple of 4

.....

Question five

Tick (✓) to show if each number is divisible by 2, 4 or 8
One number has been done for you.

Number	Divisible by 2	Divisible by 4	Divisible by 8
16	✓	✓	✓
116			
126			

Question six

Here are four digits.

1 1 2 6

Use **all** the digits to write a four-digit number that is divisible by 4

Question seven

Jamila sorts some numbers using a Carroll diagram.

	Multiples of <input type="text"/>	Not multiples of <input type="text"/>
Multiples of <input type="text"/>	30 80	15 5
Not multiples of <input type="text"/>	16 6	3 13

Question eight

Here are some numbers in a Carroll diagram.

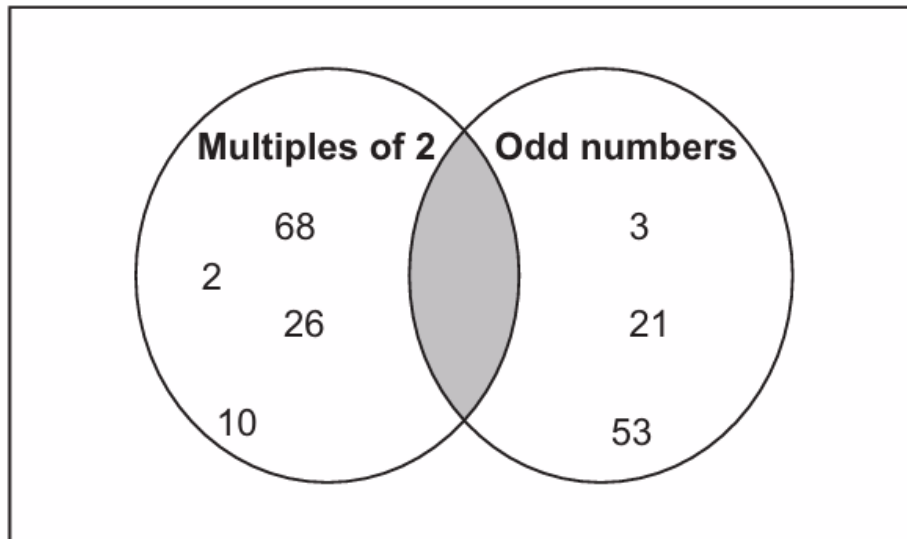
	Not
.....	10 100	25 175
Not	4 12	7 29

Complete the four labels to make the Carroll diagram correct.

Question nine

Anastasia sorts some numbers using a Venn diagram.

Here is her Venn diagram.



Explain why there are no numbers in the shaded area.

.....

Question ten

Draw a ring around **all** the multiples of 2

202

321

518

903

415

722