

Name: ..... Class: .....

What is true about the given pattern?

a. Given the following pattern, tick the correct option(s) : 8, 12, 16, 20, 24, 28, ...

Rule Add 4

☐ a. All the numbers in the pattern are even

☐ b. All the numbers in the pattern are divisible by 4

b. Given the following pattern, tick the correct option(s) : 94, 84, 74, 64, 54, 44, ...

Rule Subtract 10

☐ a. All the numbers in the pattern are divisible by 4

☐ b. The tens digit in the pattern decreases by one each time

c. Given the following pattern, tick the correct option(s) : 3, 6, 12, 24, 48, 96, ...

Rule Multiply by 2

☐ a. All the numbers in the pattern are odd

☐ b. All the numbers in the pattern are multiples of 3

d. Given the following pattern, tick the correct option(s) : 21, 18, 15, 12, 9, 6, ...

Rule subtract 3

☐ a. The numbers switch between even and odd

☐ b. All the numbers in the pattern are divisible by 6



Name: ..... Class: .....

What is true about the given pattern?

a. Given the pattern below, tick the correct option(s)

8, 12, 16, 20, 24, 28, ...

Rule Add 4

☒ a. All the numbers in the pattern are even☒ b. All the numbers in the pattern are divisible by 4

We have to check all the options and choose the correct one(s).

First let's check if option a is correct.

let's check if all the numbers in the pattern are even.

We know that all even numbers are divisible by 2.

You see that all the numbers in the pattern above are divisible by 2.

So, all the numbers in the pattern are even.

Therefore, option a is correct.

Secondly, let's check if option b is correct.

Let's check if all the numbers in the pattern are divisible by 4.

You see that the numbers in the pattern above are multiples of 4.

So, all the numbers are divisible by 4.

Therefore, option b is also correct.

b. Given the pattern below, tick the correct option(s)

94, 84, 74, 64, 54, 44, ...

Rule Subtract 10

☐ a. All the numbers in the pattern are divisible by 4☒ b. The tens digit in the pattern decreases by one each time

c. Given the pattern below, tick the correct option(s)

3, 6, 12, 24, 48, 96, ...

Rule Multiply by 2

☐ a. All the numbers in the pattern are odd☒ b. All the numbers in the pattern are multiples of 3

d. Given the pattern below, tick the correct option(s)

21, 18, 15, 12, 9, 6, ...

Rule subtract 3

☒ a. The numbers switch between even and odd☐ b. All the numbers in the pattern are divisible by 6