Name _____   Date _____

Explanation#1

We have to apply the distributive property to the expressions.

The expression is: (9a + 54 b)

Find a common number or variable that you can use. We are looking for an integer that can easily be divided.

9 is a common number (between 9 and 54).

When we divide 9 we will get:

We will get the answer: 9(a + 6b)

Explanation#2

We have to apply the properties of operations to produce the equivalent expression:

The expression is: (x + x + x) / 3

Let's rewrite it by adding all the xs together: 3x / 3

 Explanation#3

We have to apply the distributive property to the expression to produce the equivalent expression.

The expression is: 3(5 + x)

Now multiply 3 with both the numbers since 3 is outside the bracket.

      15 + 3x

The answer will be: 'b'