String Theory Activity

Name:

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One CM:

Let the following string variables exist:

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x: string of Integer, where x = <33,-5,10,25,-14>
y: string of Integer, where y = <0,7>
r: string of Text, where r = <"Marie","Jason","Nicky","Conklin">
s: string of Text, where s = <"rojo","verde">
t: string of Text, where t = < >
```

Answer the following:

1. x * y =

2. y * x =

3. |r| =

4. |t| =

5. x[1,4) =

6. s * t =

7. t * s =

8. Let b = "azul" (b is a variable of type Text, <b> is called the "stringleton of b")
   s * <b> =

9. rev(r) =

10. rev(t) =

11. Let z = <"Jason","Marie"> then   *z is prefix of r*   =

12. Let w = <33,-5,10> then   *w is prefix of x*   =

13. x[0,1) =

14. x[|x|-1,|x|) =

15. perms(r, rev(r)) =

16. perms(x,<-5,33,10,52,-41>) =

17. r[3,4) * s[0,1) =

18. s[0,1) * r[1,2) * s[1,2) =

19. The data type in the string variable x is:

20. The data type in the string variable t is: