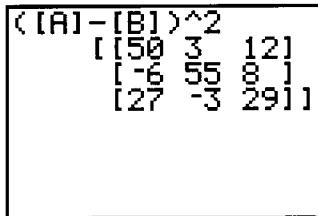


67 From *Figures 67a & 67b* we can see that both answers are equal to

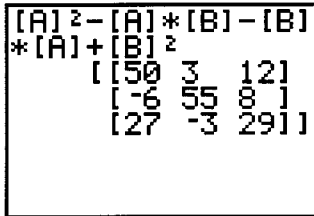
$$\begin{bmatrix} 50 & 3 & 12 \\ -6 & 55 & 8 \\ 27 & -3 & 29 \end{bmatrix}.$$

Matrices seem to conform to common rules of algebra except for the commutative property, since $AB \neq BA$ in general.



```
< [A] - [B] )^2
[[50 3 12]
[-6 55 8]
[27 -3 29]]
```

Figure 67a



```
[A]^2 - [A]*[B] - [B]*[A] + [B]^2
[[50 3 12]
[-6 55 8]
[27 -3 29]]
```

Figure 67b