**A picture containing clipart

Description automatically generatedA picture containing clipart

Description automatically generatedDefining Vectors**

**Decode the Maths Joke**

Each vector in terms of and defines a path which starts at X and ends at a given letter. Find each of the letters and then decode the joke.

Diagram

Description automatically generated

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Vector |  |  |  |  |  |  |  |
| Letter |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Vector |  |  |  |  |  |  |  |
| Letter |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Vector |  |  |  |  |  |  |  |
| Letter |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Vector |  |  |  |  |  |  |  |
| Letter |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Vector |  |  |  |  |  |  |  |
| Letter |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Vector | ? |  |  |  |  |  |  |
| Letter |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| Vector |  |  |  |  |  |  | ! |
| Letter |  |  |  |  |  |  |  |