Your project will be marked out of a total of 10 marks.

Calculations:
½ mark for each component force storage
1 mark for net force in polar coordinates
1 mark for acceleration
1 mark for displacement

Vectors:
1 mark for rescaling of vectors
1 mark for proper vector locations

Code Structure:
2 marks for name and program description
½ mark for adequate commenting

Code Snippets:

To draw vector with arrow head:

```
thisPen->Color = colour[i];
AdjustableArrowCap^ bigArrow = gcnew AdjustableArrowCap(5, 5);
thisPen->CustomEndCap =bigArrow;
if (i == 5) thisPen->Width = 3.0f;
e->Graphics->DrawLine( thisPen, pt1, pt2 );
```

To find max component vector length in x:

```
if (Math::Abs(vectors[0, i]) > maxXY) maxXY = Math::Abs(vectors[0, i]);
```