

**Eigenvalues, part 1**

Wrong answer	Incorrect	Pass
diagonal	Part 2, not diagonal	Pass
triangular	Part 3, not triangular	Pass
2x2, not triangular	Part 4, 3x3	Pass
> 2x2, not triangular, other eigenvalues	Part 6, no other	Pass
> 2x2, not triangular, no other eigenvalues	Part 5, other eigenvalues	Pass

**Eigenvalues, part 2, not diagonal**

Part 2 answer	Result	
Wrong answer	Incorrect	Pass
diagonal	Incorrect	Pass
triangular	Part 3, not triangular	Pass
2x2, not triangular	Part 4, 3x3	Pass
> 2x2, not triangular, other eigenvalues	Part 6, no other	Pass
> 2x2, not triangular, no other eigenvalues	Part 5, other eigenvalues	Pass

**Eigenvalues, part 3, not triangular**

Part 3 answer	Part 1 answer	Result	
Wrong answer		Incorrect	Pass
triangular		Incorrect	Pass
2x2, not triangular	2x2	Part 4, 3x3	Pass
2x2, not triangular	> 2x2, other eigenvalues	End	Pass
2x2, not triangular	> 2x2, no other	Part 5, other	Pass
> 2x2, not triangular, other eigenvalues	> 2x2, other eigenvalues	Part 6, no other	Pass
> 2x2, not triangular, other eigenvalues	> 2x2, no other	End	Pass
> 2x2, not triangular, no other eigenvalues	> 2x2, other eigenvalues	End	Pass
> 2x2, not triangular, no other eigenvalues	> 2x2, no other	Part 5, other eigenvalues	Pass

**Eigenvalues, part 4, 3x3**

Part 4 answer	Result	
Wrong answer	Incorrect	Pass
2x2	Incorrect	Pass
> 2x2, other eigenvalues	Part 6, no other	Pass
> 2x2, no other eigenvalues	Part 5, other eigenvalues	Pass

**Eigenvalues, part 6, no other**

Part 6 answer	Result	
Wrong answer	Incorrect	Pass
> 2x2, other eigenvalues	Incorrect	Pass
> 2x2, no other eigenvalues	End	Pass

**Eigenvalues, part 5, other eigenvalues**

Part 5 answer	Result	
Wrong answer	Incorrect	Pass
> 2x2, no other eigenvalues	Incorrect	Pass
> 2x2, other eigenvalues	End	Pass