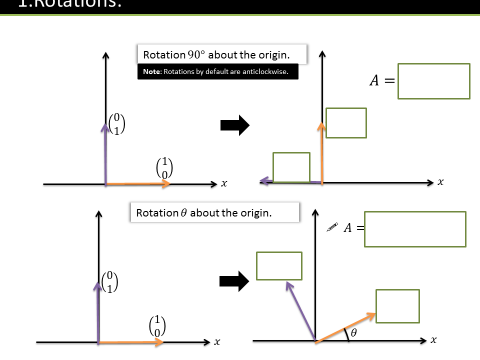
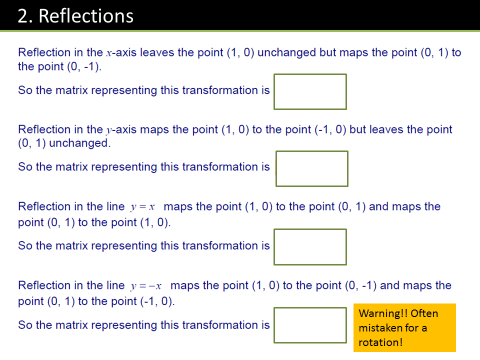
Determining a matrix for a transformation

Rotations



Reflections

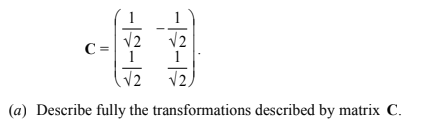


Test Your Understanding

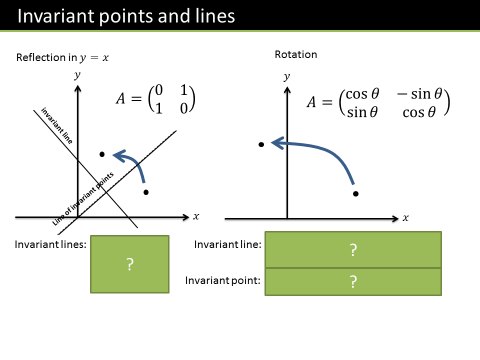
1. Find the matrix representing a reflection in the line .

2. Find the matrix representing a rotation by .

3.



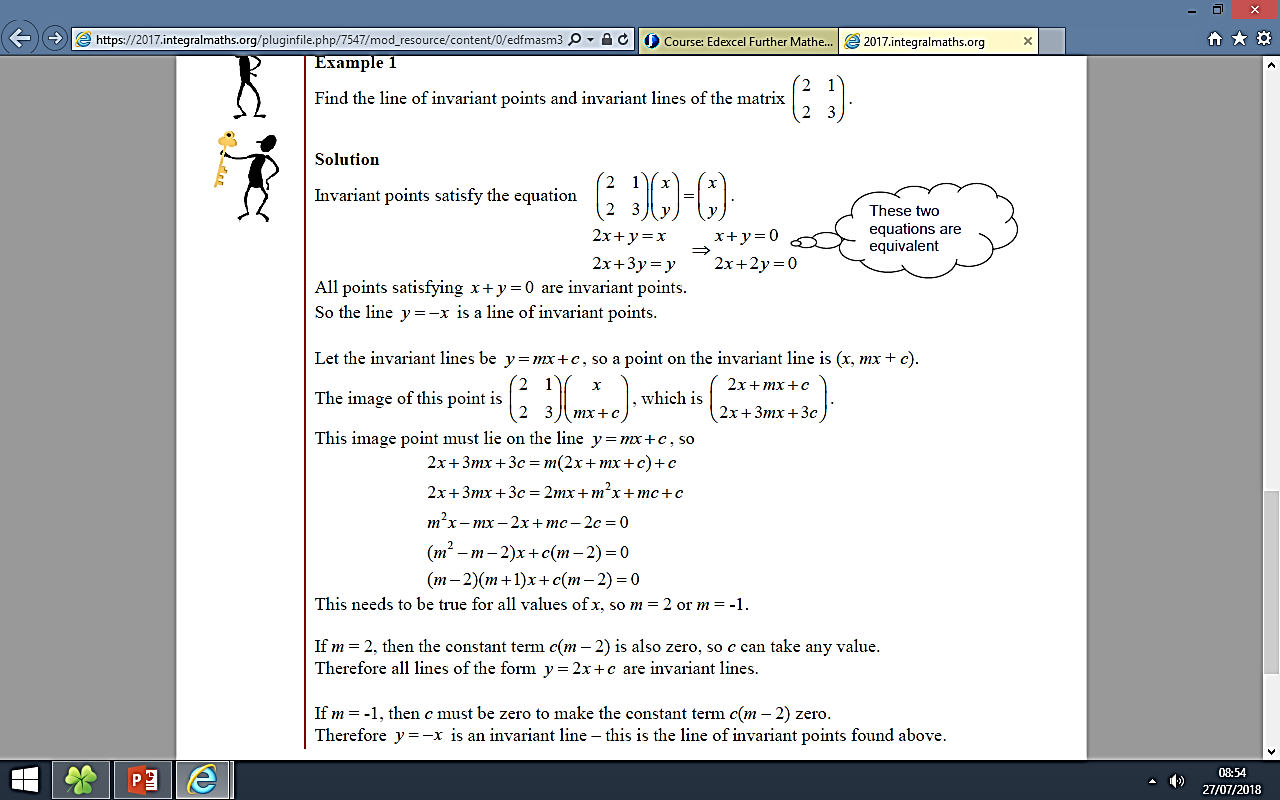
Invariant Lines and Points



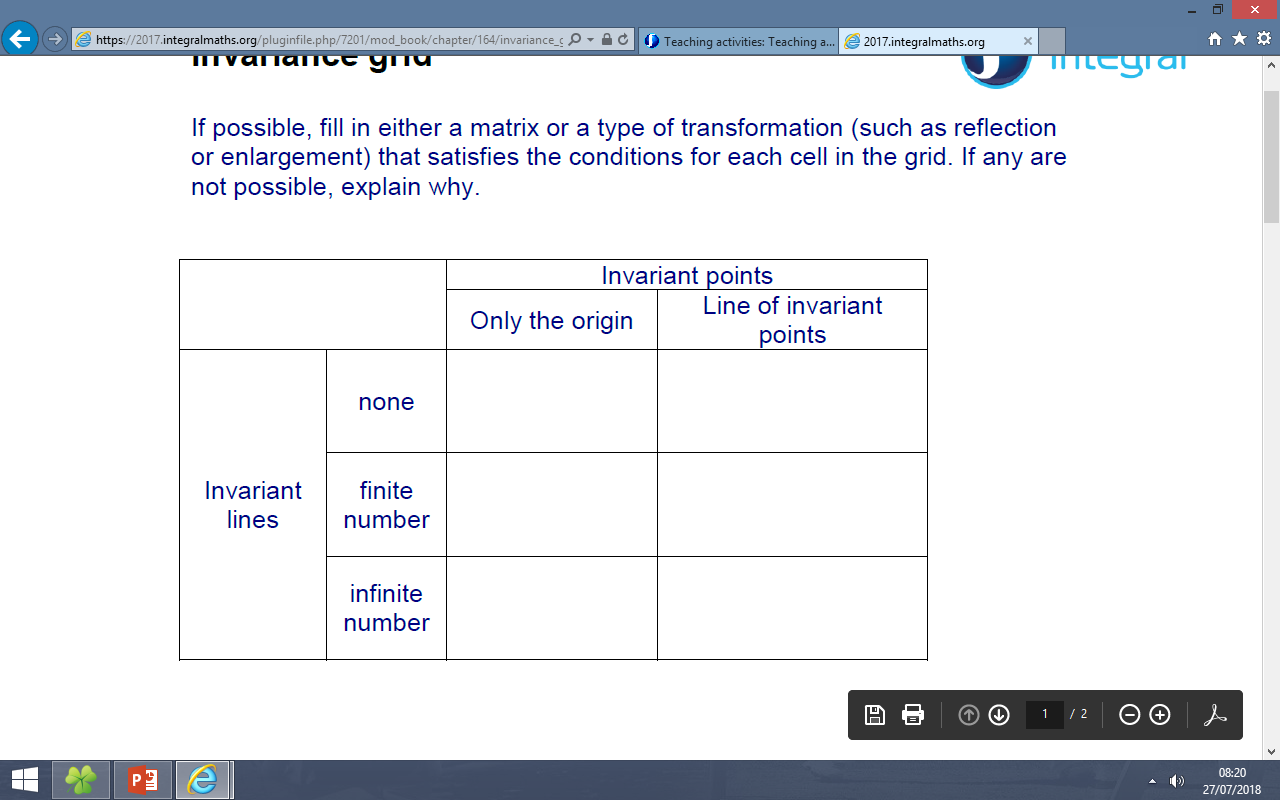
Finding Invariant Points

Finding Invariant Lines

Example



Activity



Ex 7b page 134