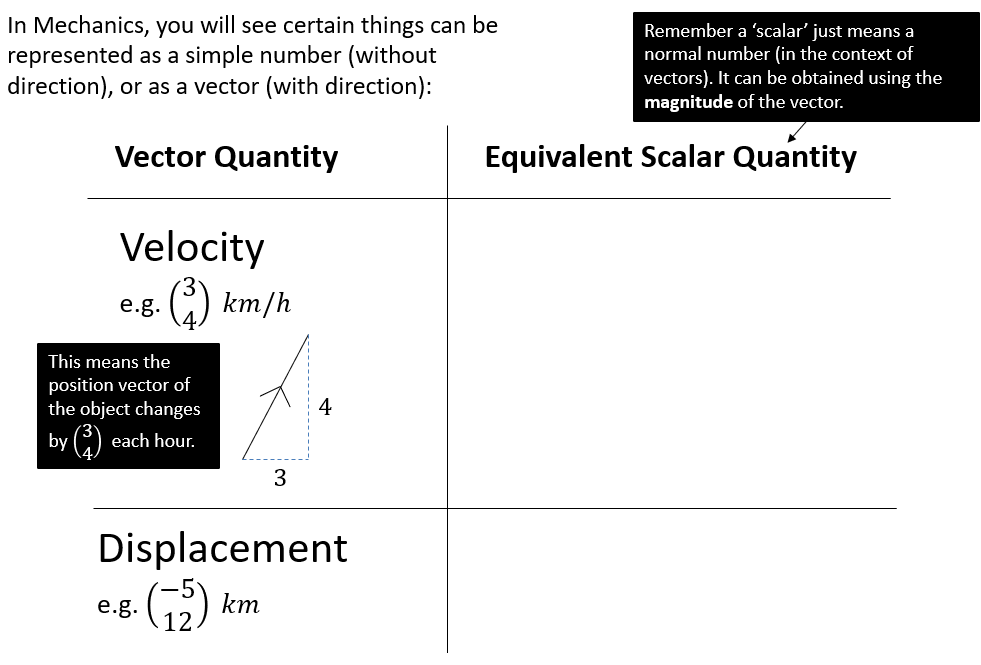
Modelling with vectors



Examples

1. A girl walks 2 km due east from a fixed point to , and then 3 km due south from to . Find
2. the total distance travelled
3. the position vector of relative to
5. The bearing of from .
6. In an orienteering exercise, a cadet leaves the starting point and walks 15 km on a bearing of to reach , the first checkpoint. From he walks 9 km on a bearing of to the second checkpoint, at . From he returns directly to .

Find:

1. the position vector of relative to
3. the bearing of from
4. the position vector of relative .

Exercise 11F Pg 250/251

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