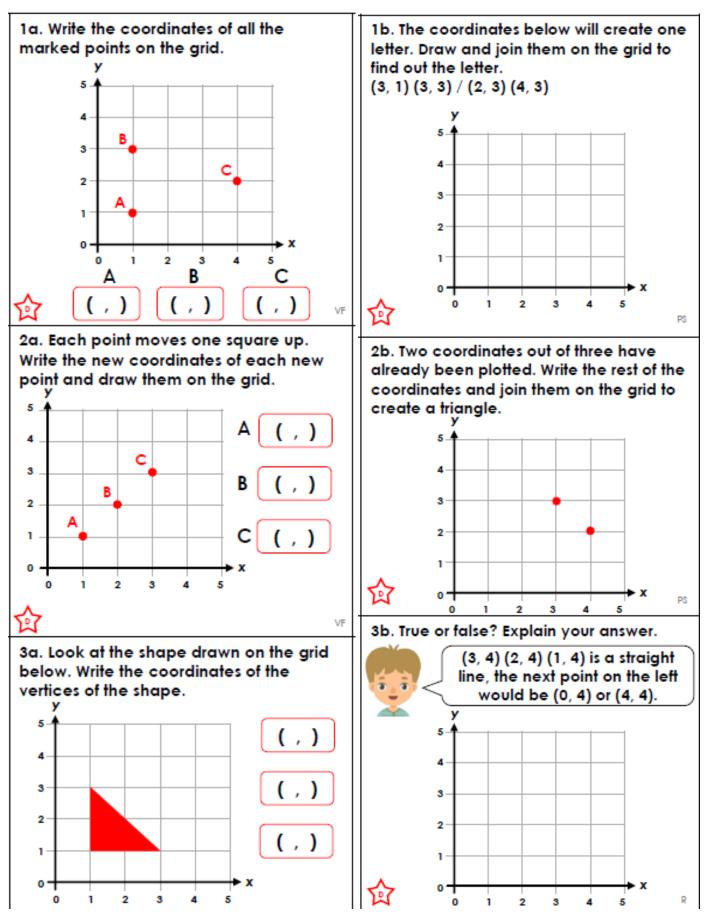
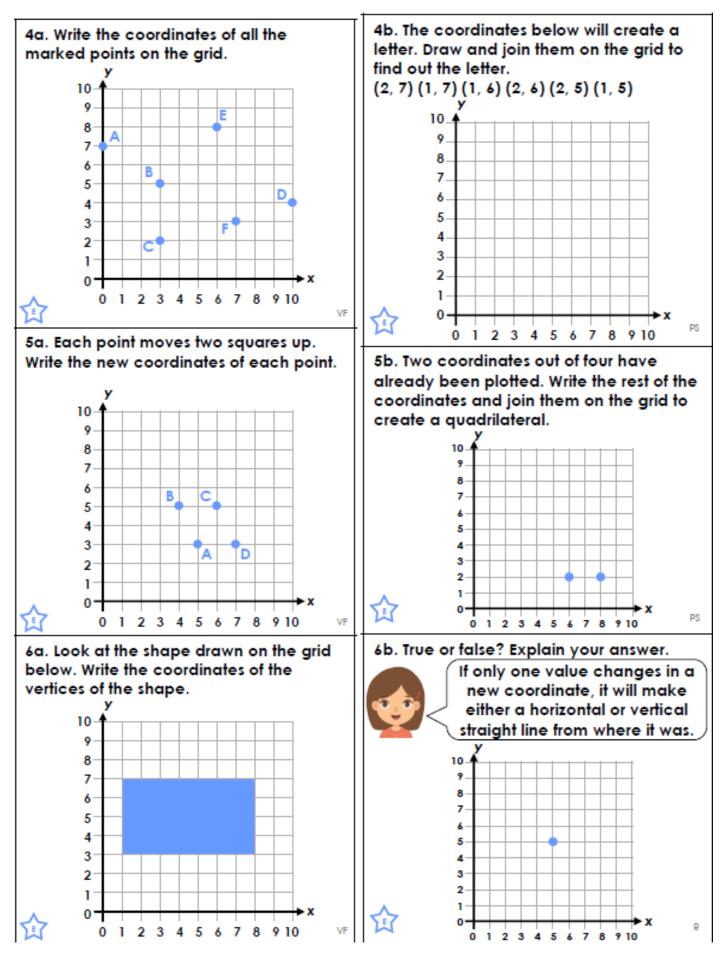
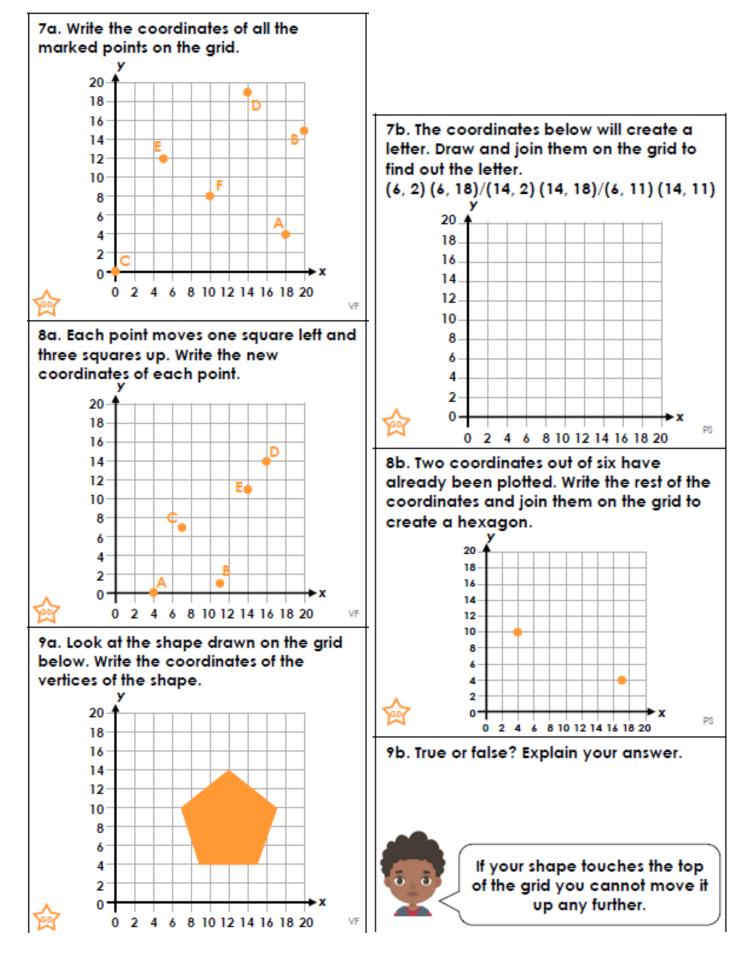
## <u>Bronze</u>



## <u>Silver</u>



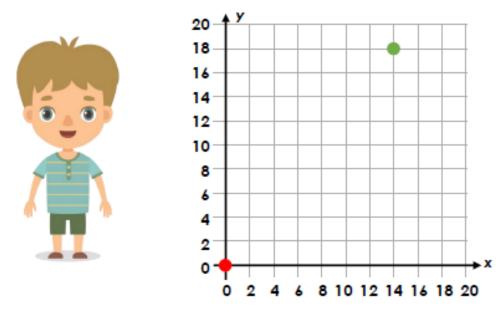
## <u>Gold</u>



## <u>Challenge</u>

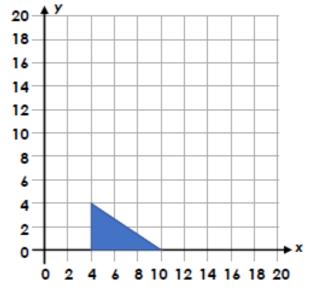
1. Ethan is playing a game. He starts at the coordinates (0, 0) and must reach (14, 18). He must make seven different movements and is only allowed to travel vertically and horizontally on the grid lines.

Explore the different routes that would work.



2. Create a quadrilateral that shares a coordinate with the triangle on the grid below. The shapes cannot overlap.

Once complete, repeat the step so that another triangle shares one of the coordinates of the quadrilateral.



Investigate how many times you could repeat this process before you run out of space on the grid.