## Transformations: Translations Worksheet

Mrs Buckmire

## Try this

Find the co-ordinates of the points then use the code to describe journeys between two points:


## Connect

The students are describing the transformation of $C$ to $F$.



What other translations can be described with this vector?

## Connect

Write a vector that can describe the translations:


## Connect



The object Triangle ABC is translated: $\left(\begin{array}{l}-2 \\ -3\end{array}\right]$

What are the coordinates of the image?
The object Triangle DEF is translated: $\binom{5}{2}$

What are the coordinates of the image?

## Independent task( page 1)

Describe using vectors the journey between the following points:
a) $A$ to $B$
b) $C$ to $B$
c) $A$ to $D$
d) $B$ to $D$


## Independent task (page 2)

Describe the transformation in each case:
a) $A$ to $B$
b) $B$ to $D$
c) $A$ to $D$
d) $B$ to $C$


## Explore

What vectors can be used to describe the translations between the shapes in the tessellation pattern below?


