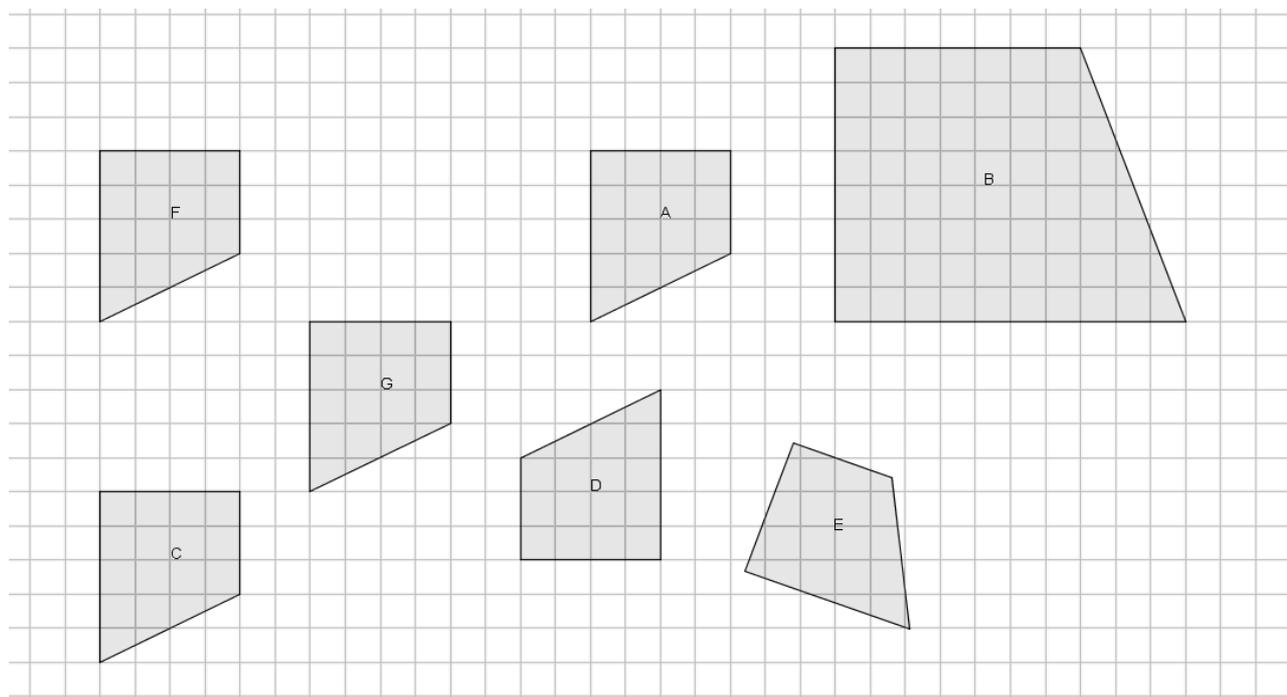


WORKSHEET: TRANSLATION

Look at the picture below:



Answer to these questions:

- Which figures have the same perimeter as figure F? _____
- Which figures have the same area as figure F? _____
- Which figures are congruent to figure F? _____

Describe, for every figure which is congruent to figure F, the movement to overlap ["sovrapporre"] the two figures.

Use these phrases: 4 units east/west; 3 units north/south.

Draw an arrow which connect two correspondent point, what can you observe?

The length of the segments is _____

The arrows have _____ direction.

The process you observe is named TRANSLATION

In a translation every point of the object must be moved in the same direction and for the same distance.

The initial object is called the pre-image and the object after the translation is called the image.

