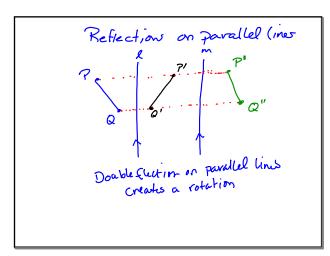


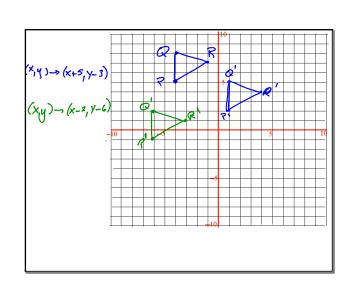
Translations are Isometries
- martians shape and size



Translation Notation

In a coordinate plane
all translations are described

has a change in the X, y or both $(x,y) \rightarrow (x+a,y+b)$ what does this mean a-change in x + to right b-change in y + up b-change in y + up

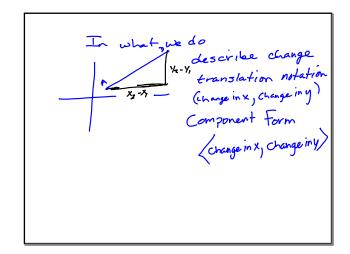


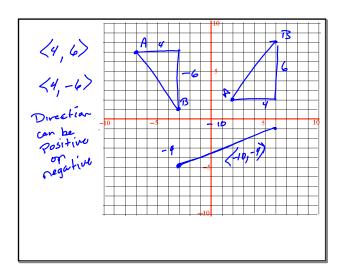
Vectors

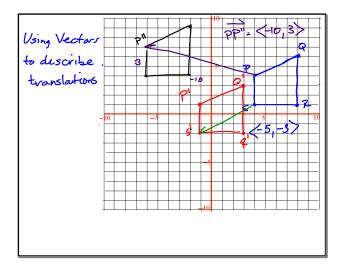
Translation that describe

Change using an initial point

and a terminating point \overrightarrow{AB} , \overrightarrow{AB}







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