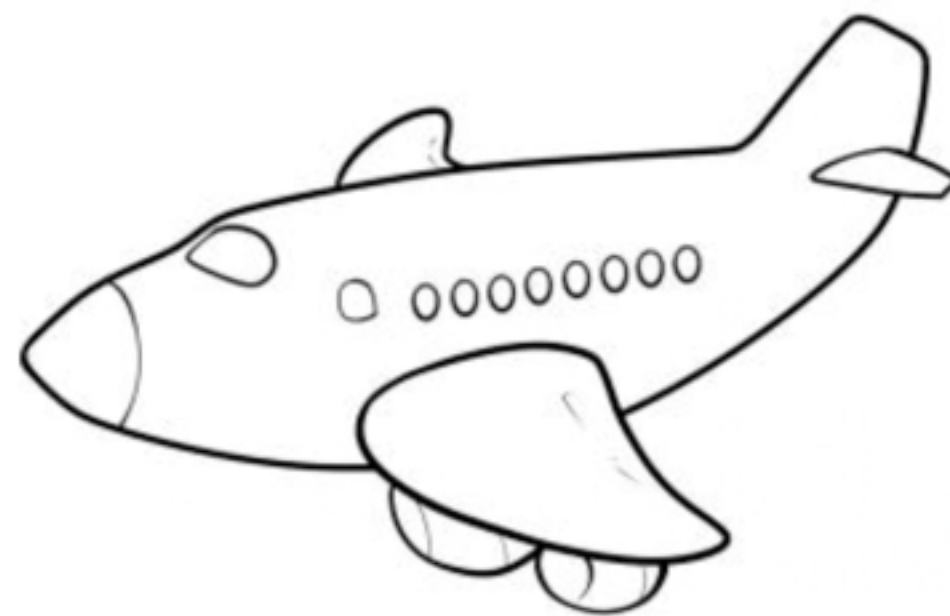
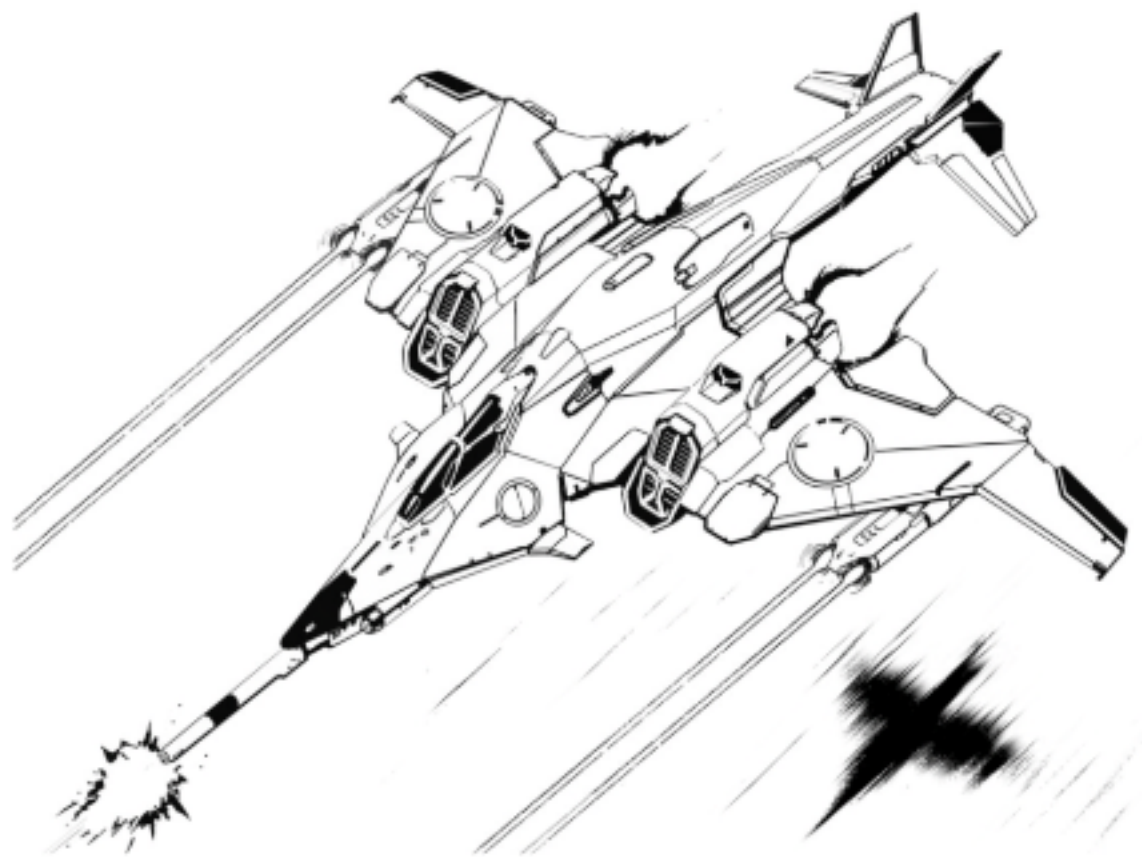
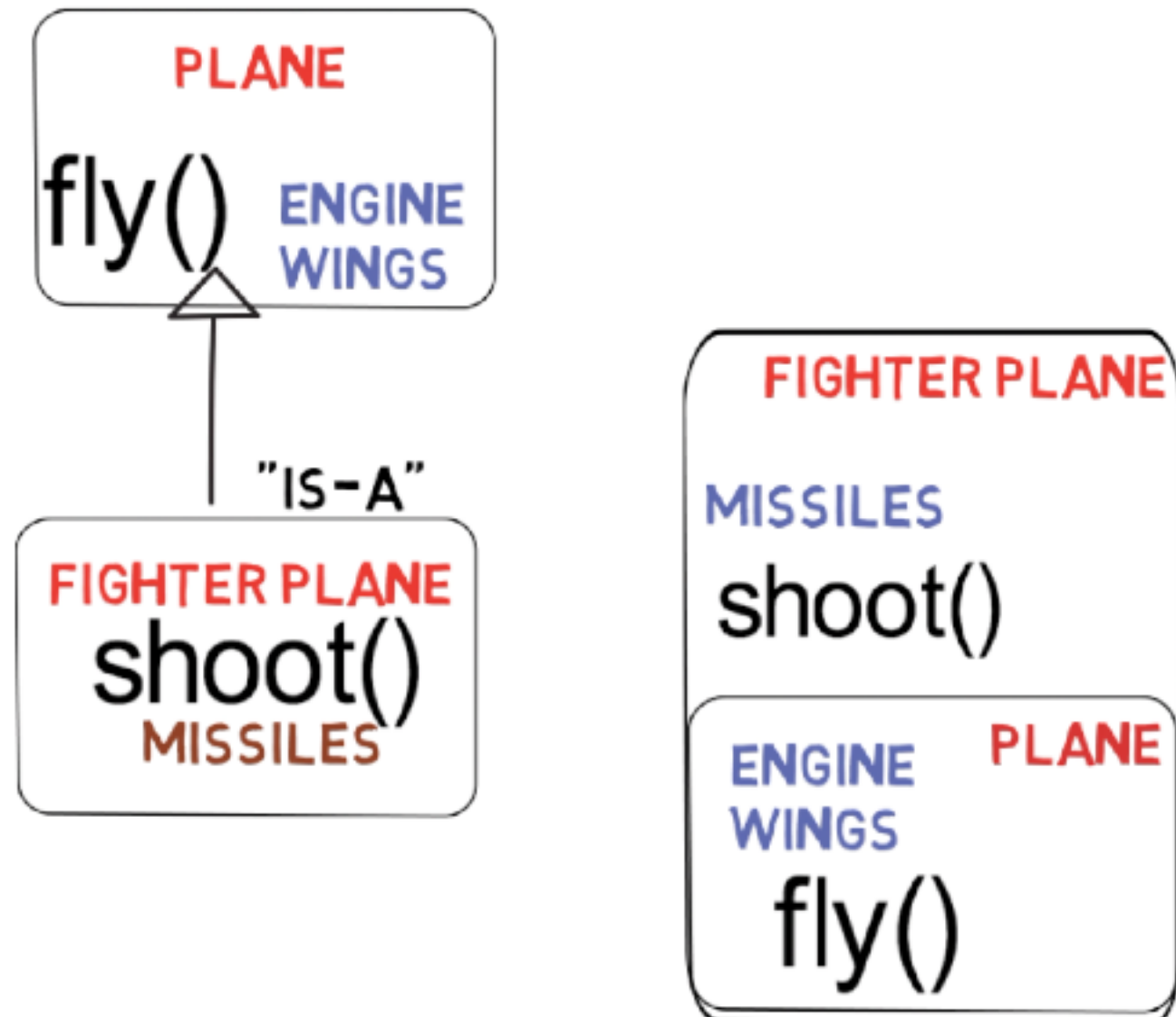


A fighter plane is a plane



# DERIVED CLASS OBJECTS CONTAIN BASE CLASS OBJECTS WITHIN THEM

WHEN A CLASS INHERITS FROM  
ANOTHER CLASS, EVERY OBJECT  
OF THE CHILD CLASS HAS AN  
ACTUAL COPY OF THE PARENT  
INSIDE IT



THIS POINT ABOUT THE PHYSICAL  
LAYOUT OF THE DERIVED CLASS OBJECT  
IS AN IMPORTANT ONE

THE DERIVED CLASS CAN ACCESS  
ANY MEMBER VARIABLES OR  
MEMBER FUNCTIONS OF THE BASE  
CLASS THAT ARE

**public**  
OR  
**protected**

(BUT NOT IF THEY ARE **private** )

**super**  
IS A KEYWORD THAT IS USED IN  
THE DERIVED CLASS OBJECT TO  
REFER TO THE INTERNALLY CONTAINED  
BASE CLASS OBJECT