

## INTERMEDIATE VOCATIONAL EDUCATION AND TRAINING (VET)- 2<sup>nd</sup> TERM

WRITE THESE NUMBERS AND UNITS IN WORDS:

1. 5 km	
2. 250 kg	
3. €1015	
4. 110 V	
5. 0°C	
6. 13 mm	

EXPLAIN THE *FUNCTION* OF THESE TOOLS. MAKE SENTENCES WITH THE WORDS FROM THE TABLE:

1. A spanner		nails
2. Pliers		bolts and wire
3. A screwdriver	cut(s)	nuts and bolts
4. A chisel	grip(s)	paper and string
5. Scissors	drive(s) in	screws
6. A saw	tighten(s) and loosen(s)	wood
7. Hammers		wood and metal
1.		
2.		
3.		
4.		
5.		
6.		
7.		

MATCH THE TV MONITORS WITH THEIR *LOCATIONS*. WRITE THE SUITABLE LETTER IN THE COLUMN OF THE RIGHT:

1. bottom left	
2. bottom right	
3. centre bottom	
4. centre left	
5. centre right	
6. centre top	
7. top left	
8. top right	
9. centre	



**COMPLETE THE SENTENCES ABOUT THE COMPUTER STATION BELOW WITH THE WORDS IN THE BOX:**

above	at	below	of	in	on	to
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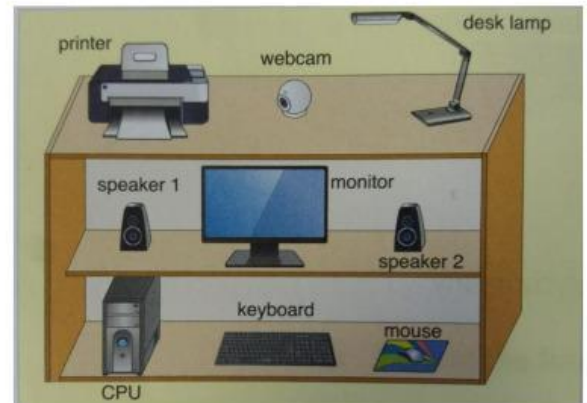
- The webcam is \_\_\_\_\_ the top,  
the middle.

The webcam is \_\_\_\_\_ the right  
the printer.

The screen is \_\_\_\_\_ the webcam.
- The mouse is \_\_\_\_\_ the bottom,  
the right.

The keyboard is \_\_\_\_\_ the left  
the mouse.

Speaker 2 is \_\_\_\_\_ the mouse.



**FILL IN THE BLANKS WITH THE SUITABLE WORD RELATED TO MOVEMENT:**

Passenger planes can fly \_\_\_\_\_, and can turn to the left and to the \_\_\_\_\_.  
But they cannot fly backwards or \_\_\_\_\_. They can fly diagonally \_\_\_\_\_ and  
down, but they cannot fly straight up or straight \_\_\_\_\_.

Helicopters can fly forwards, \_\_\_\_\_ up and down, sideways and \_\_\_\_\_.

Planes and helicopters can both \_\_\_\_\_. Planes and helicopters can rotate on  
their horizontal \_\_\_\_\_. Helicopters can also rotate on their \_\_\_\_\_ axis.

**READING FOR INSTRUCTIONS:** read the manual for a drone

### ***Remote control transmitter for quadcopter drone***

#### **User manual**

Look at the diagram of the transmitter. There are two joysticks. One is on the left. This is the left-hand (LH) stick. The other is on the right. This is the right-hand (RH) stick.

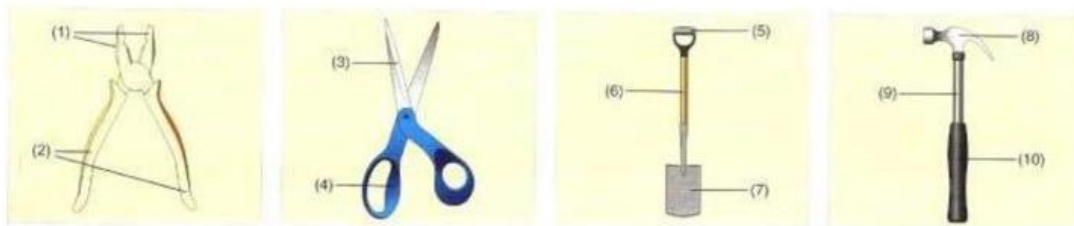
Now look at the LH joystick. This controls the drone's movement up and down, and the rotation of the drone. Push the LH stick up (away from you) and the drone ascends (or goes up). Pull it down (towards you) and the drone descends (or goes down). Slide the stick to the left and the drone rotates to the left. Slide it to the right and it rotates to the right.

Now look at the RH joystick. This controls the drone's movement forwards, backwards, to the left and to the right. Push the RH stick up (away from you) and the drone moves forwards. Pull it down (towards you) and the drone moves backwards. Slide the stick to the left and the drone moves sideways to the left. Slide it to the right and it moves sideways to the right.

### MATCH YOUR ACTIONS WITH THE PLANE'S ACTIONS:

1. Move the LH stick up	a. The drone rotates to the left
2. Pull the LH stick down	b. The drone goes up
3. Move the LH stick to the left	c. The drone moves forwards
4. Move the LH stick to the right	d. The drone goes down
5. Move the RH stick up	e. The drone moves sideways to the left
6. Pull the RH stick down	f. The drone moves backwards
7. Move the RH stick to the left	g. The drone moves sideways to the right
8. Move the RH stick to the right	h. The drone rotates to the right

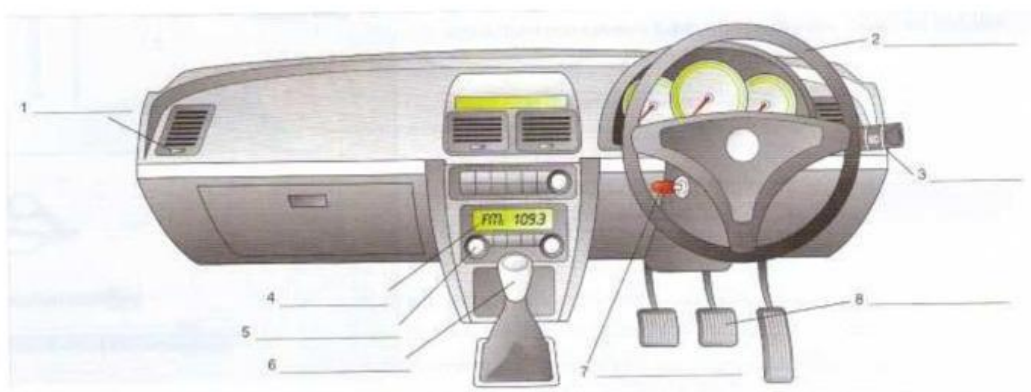
### LABEL THE PARTS OF THE TOOLS ABOVE:



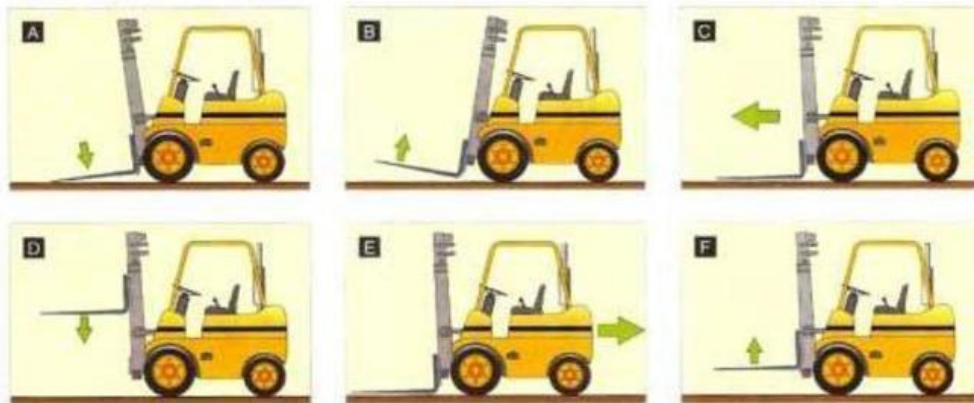
1.	6.
2.	7.
3.	8.
4.	9.
5.	10.

### LABEL THE CAR'S DASHBOARD CONTROLS:

1.	5.
2.	6.
3.	7.
4.	8.



DESCRIBE THESE *MOVEMENTS* OF THE FORKLIFT TRUCK:



A.	B.	C.
D.	E.	F.