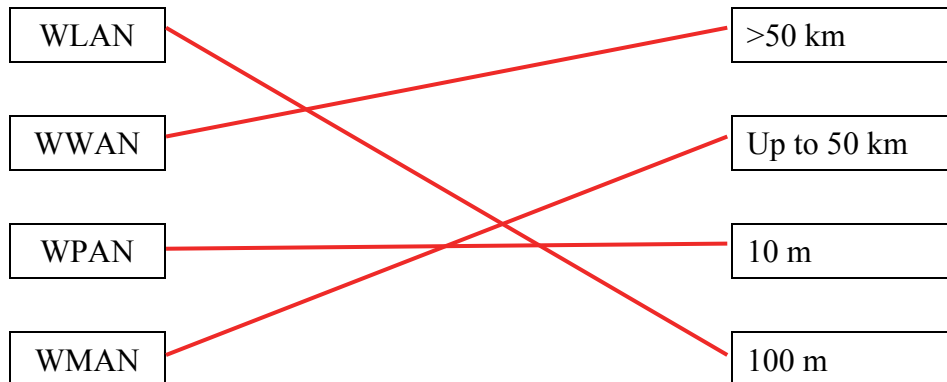


1. Match the four different networks shown on the left column to the corresponding range on the right column.



2. Modify the following texts so that the statement is true.

UWB technology (~~is not~~ ^{is}) capable of doing everything that Bluetooth can, but it (~~cannot~~ ^{can}) handle a lot more data at higher speeds.

The IEEE 802.16 standard is more commonly known as (~~WiFi~~ ^{WiMAX}).

ZigBee is a technology used in (~~WMAN~~ ^{WPAN}) characterized by being (~~high~~ ^{low}) power consumption, (~~hard~~ ^{easy}) installation, (~~high~~ ^{low}) data rates and (~~licensed~~ ^{unlicensed}) frequency bands.

3. Sort the following security methods from the best (1) to worst (5).

___⁵___ WEP

___³___ WAP+TKIP/AES

___²___ WPA+AES

___⁴___ WPA+TKIP

___¹___ WPA2+AES



4. Name at least five potential applications for wireless networks:

1. M2M communication
2. Surveillance cameras
3. Communication between wireless devices
4. Emergency applications
5. Industrial process and control applications

5. Complete the following table:

	Bluetooth	IrDA	Wi-Fi
Type of wave	radio	infrared	radio
Typical range	10 m	1 m	100 m
Line of sight required?	No	Yes	No
Maximum data rate	720 Kbps	16 Mbps	54 Mbps
Frequency bands	2.4 GHz	Infrared band	2.4 GHz

6. Match the terms shown on the left column to the corresponding definitions on the right column.