ANNEX A · WHAT SURVIVES WHAT?

NAME _____ DATE _____ GROUP ____

TASK 1 · 13 MIN IN GROUPS OF 3 + CORRECTION

TASK 1 **Six accidents, four protections**

Tramuntana Apps keeps its projects on one server in the office in Palma. For each accident, decide if the data survives with **only** that protection. Write **Y** (survives), **N** (lost) or **?** (it depends: write on what).

	Accident	1 · RAID 1 (two mirrored disks)	2 · A snapshot kept on the same disks	3 · A copy every night to a USB disk that is always plugged in	4 · Dated copies kept in another place
A	One disk of the server dies.				
B	Pau deletes the folder `design` by mistake.				
C	Ransomware encrypts every file the server can write to.				
D	A file was damaged three weeks ago. Nobody saw it until today.				
E	Fire or theft: everything in the office is gone.				
F	An update breaks the operating system. The data is fine.				

Which protection has the most Y? _____ Which two things does it have that the others do not?

_____

DONE WHEN the 24 cells are filled and every "?" has a reason next to it.

TASK 2 · 10 MIN IN GROUPS OF 3

TASK 2 **A plan for Tramuntana Apps**

Twelve people, one data disk, no backups yet. Decide:

What do you copy? _____

Where do the copies live? (more than one place) _____

How often, and how many old copies do you keep? _____

Who checks that a copy can be restored, and when? _____

With your plan: everything burns on a Thursday at 17:00. How much work is lost?

DONE WHEN four decisions and one honest number of hours or days.

EXIT TICKET

1. RAID 1 protects your data against…

- ☐ **A** a file deleted by mistake
- ☐ **B** ransomware
- ☐ **C** the failure of one disk
- ☐ **D** a fire in the office

2. What saved Toy Story 2 in 1998?

- ☐ **A** A copy on a computer in another place
- ☐ **B** The backups kept in the office
- ☐ **C** The RAID of the server
- ☐ **D** The recycle bin of the server

3. A USB disk is always plugged into the server and gets a copy every night. Ransomware attacks. The copy…

- ☐ **A** is safe: it is another disk
- ☐ **B** is safe: ransomware cannot read USB
- ☐ **C** is safe until the next night
- ☐ **D** is probably encrypted too

4. The backup program has run every night for a year. Nobody has ever restored a file. What do you really have?

- ☐ **A** A tested backup
- ☐ **B** A hope: you do not know if it works
- ☐ **C** A RAID
- ☐ **D** Three copies of the data