PART 4 *Questions 31–40*

Complete the notes below.

*Write **ONE WORD ONLY** for each answer.*

Space Traffic Management

A Space Traffic Management system

- is a concept similar to Air Traffic Control, but for satellites rather than planes.
- would aim to set up legal and **31** ..... ways of improving safety.
- does not actually exist at present.

Problems in developing effective Space Traffic Management

- Satellites are now quite **32** ..... and therefore more widespread (e.g. there are constellations made up of **33** ..... of satellites).
- At present, satellites are not required to transmit information to help with their **34** ..... .
- There are few systems for **35** ..... satellites.
- Small pieces of debris may be difficult to identify.
- Operators may be unwilling to share details of satellites used for **36** ..... or commercial reasons.
- It may be hard to collect details of the object's **37** ..... at a given time.
- Scientists can only make a **38** ..... about where the satellite will go.

Solutions

- Common standards should be agreed on for the presentation of information.
- The information should be combined in one **39** ..... .
- A coordinated system must be designed to create **40** ..... in its users.

LIVEWORKSHEETS