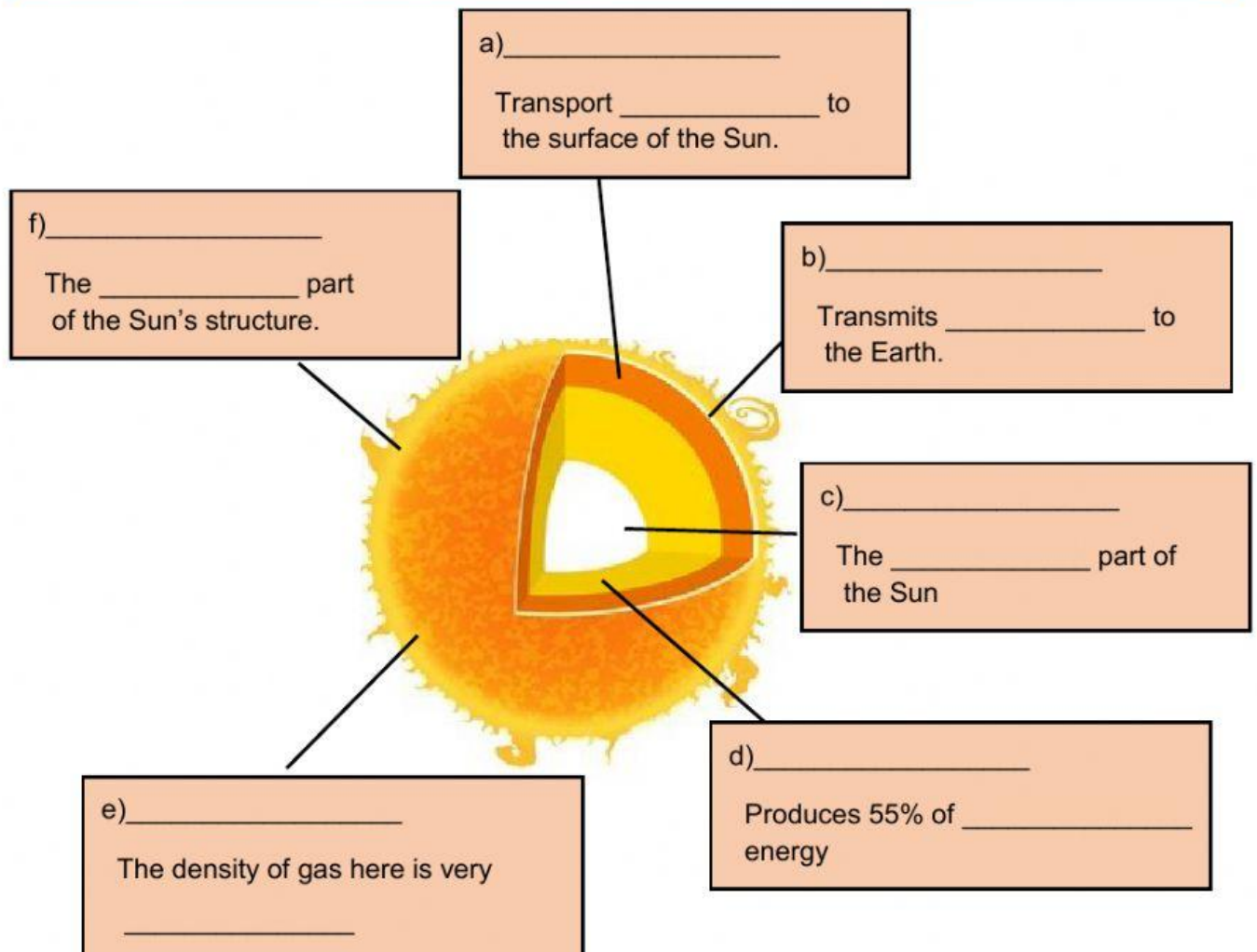


9.1 The activities of the Sun that affect the Earth

1. Fill in the blanks with the answers provided regarding the structure of the Sun and its characteristic.

corona	low	core	photosphere	light	chromosphere
sunlight	hottest	Convection zone	energy	outermost	Radiation zone



2. Choose "TRUE" or "FALSE" for the following statements:

a) Hydrogen and helium are the main components of gases in the Sun.	
b) The core is the coolest part of the Sun.	
c) Photosphere is the outermost layer of the Sun's atmosphere.	

3. State the colour and temperature of the layers of the Sun's atmosphere in the chart below:

Layers of the Sun's atmosphere	Corona	Chromosphere	Photosphere
colour	i)	ii)	iii)
Surface temperature	iv)	v)	vi)

4. Match the correct statement:

Photosphere	The outermost part of the Sun
Chromosphere	The layer that can be seen from the Earth
Corona	Looks red in colour and only can be seen from the Earth during solar eclipse
Core	The main composition is hydrogen and helium gas