

Name: .....

**Q1. Read carefully, and then answer:**

Do you ever wonder how aeroplanes and ships reach their destinations without getting lost? The history of science shows us that it's more than just luck! Astronomers studied the universe for a long time and found ways to map the Earth by looking at the stars. Muslim astronomers, like Al Fazari and Al Khawarizmi, changed the way we understand our planet, and others, like Ibn Al Shatir, showed us how to navigate it. Ibn Al Shatir invented both the magnetic compass and the sundial. These inventions allowed people to find their way to Mecca more easily, and even to know the times for prayer throughout the day. Today, aeroplanes and ships use the compass for navigation.



1. What did Astronomers study .....
2. What did Ibn Al Shatir invent?.....
3. How did these inventions help people? .....
4. Who are Al Fazari and Al Khawarizmi? .....
5. Find out a word that means
  - a) A tool that is used to show directions= .....
  - b) A round object that moves around a star.....

**Q2. Fill the spaces with suitable words:**

Solar system   orbital debris   zero gravity   catapult   screwdriver

1. .... is dangerous-something could hit a spaceship and cause damage.
2. I need a ..... to fix the table.
3. Astronomers will float in space and enjoy .....
4. The Earth is one of the eight planets in our .....

**Q3. Match the following words to their defenitions:**

1. Galaxy=            a. Used for protection in an accident
2. Fall apart=        b. To move around something or to turn like a wheel.
3. To revolve=        c. To break into pieces.

4. Seatbelt= d. To separate

5. To break off= e. one of the independent groups of stars in the universe.

**Q4. Rewrite the following sentences twice (negative and interrogative) :**

1. We will find a way to stop global warming.

.....  
.....

2. Living on Mars will be interesting.

.....  
.....

**Q5. Match:**

1. The nearest star is so far away. ( )	a) People won't be able to live in it because it's too hot.
2. We need to have other ways to travel to space. ( )	b) People won't be able to build houses on it.
3. There is no solid surface on Saturn. ( )	c) Our generation won't reach the nearest star.
4. Venus is the hottest planet. ( )	d) There will be more studies on travelling between the stars.

**Q6-Write the missing letters:**

1-f l\_\_ \_t

2- astron\_\_ \_t

3-pl\_\_ n\_\_ t

4- s\_\_ l\_\_ \_ syst\_\_ m

5- cat\_p\_l t

**Q7.Punctuate the following:**

1. life on saturn wont be easy

.....

**Q8. Correct the verbs in brackets.**

1. Ali ..... from England next month. ( come )
2. There is something wrong with my car. I ..... To the mechanic tomorrow. ( go )
3. .... the organization ..... the samples next week? ( send )
4. Who do you think ..... the next national elections? ( win )
5. She ..... ready within a few minutes. ( be )