## Out of this world-Test

1. Which of the following statements are true and which are false?

|  | True | False |
| :--- | :--- | :--- |
| The sun is a star |  |  |
| Pluto is $a$ dwarf dlanet |  |  |
| There are 7 stars in the solar sustem |  |  |
| The earth the sun and the moon are the same size |  |  |
| Tim. Peake was the first man on the moon. |  |  |
| The sun is IOOC |  |  |
| Modern scientists know that the Farth is at the centre of our |  |  |
| Modern scientists know that the Sun is at the centre of the <br> Solar System. |  |  |

2. Draw a diagram to show the difference between a geocentric view of our solar system and a heliocentric view.

| Grocentric view | Heliocentric view |
| :--- | :--- |
|  |  |
|  |  |
|  |  |
|  |  |

3. Put the following eight planets in order of their distance from the Sun

Neptune Jupiter Earth Mars Uranus Mercury Saturn Venus

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4. What shape are the Earth, Sun and Moon? Tick one answer.
$\square$ Round and flat
$\square$ Cuboid
$\square$ Roughly spherical
5. Which is largest, the Earth, Sun or Moon? Tick one answer.
$\square$ The Earth
$\square$ The Sun
$\square$ The Moon
6. The diagram show a model of the Sun, Earth and Moon. The Earth orbits the Sun and the Moon orbits the Earth.

a) On the diagram, shade the part of the Earth where it is night-time.
b) Describe how the Earth moves to cause night and day.
$\qquad$
$\qquad$
c) Approximately how many days does it take for the Moon to orbit the Earth? $\qquad$

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7. Martin shines a torch on a globe. It models the Sun shining on the Earth


Estimate what time of day it would be on the Earth at place A.
Places B and C have been done for you

| Place | Time of day |
| :---: | :---: |
| A |  |
| B | 6 p.m. |
| C | 9 p.m. |

