

Comparing a Globe and a Map; Field Visits

EXERCISE [PAGE 18]

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What characteristics of two and three dimensional devices did you note?

Solutions :

1. A two-dimensional device has length and width. The product of length and width gives the area of the object. e.g. Map is a two - dimensional device.
2. A three-dimensional object has length, width, and height (thickness). The product of these three gives the volume of the object. e.g. Globe is a three-dimensional device.

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What features can be shown on a very small globe?

Solutions :

1. Parallels of latitude and meridians of longitude along with the labels of the important parallels and meridians can be shown on a very small globe.
2. Also, important regions like the continents, islands, seas, and oceans can be shown.

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Which device will be suitable for understanding the concept of day and night on the earth?

Solutions : A globe will be suitable for understanding the concept of day and night on the earth.

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Which device will be useful to show your village/city?

Solutions : The map will be useful to show my village/city.

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Which device can be easily carried from one place to another?

Solutions : Maps can be easily carried from one place to another.

