

# Questions

1. How deep is the Bathypelagic Zone? Tick **one**.

- up to 200m below the surface of the ocean
- up to 1000m below the surface of the ocean
- up to 4000m below the surface of the ocean
- up to 6000m below the surface of the ocean

2. Match the zone to the animals found within it.

<b>Mesopelagic Zone</b>	sea stars, amphipods (shrimps) and squid
<b>Bathypelagic Zone</b>	sea cucumber, swordfish, wolf eel and octopus
<b>Abyssopelagic Zone</b>	anglerfish, viperfish and jellyfish

3. **Find** and **copy** a word that means the same as narrow valleys.

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4. Name **two** conditions that mean it is only possible to explore the Twilight Zone wearing protective clothing.

- \_\_\_\_\_
- \_\_\_\_\_

5. Describe **two** reasons why oceanographers wish to explore the oceans more.

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6. Summarise what you have learned about the Abyss, in 40 words or less.

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7. In your own words, explain why the Twilight Zone was given that name.

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8. How do you think that bioluminescent creatures use light to hunt their prey?

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9. Which layer do you think is the most interesting? Give **two** reasons for your choice.

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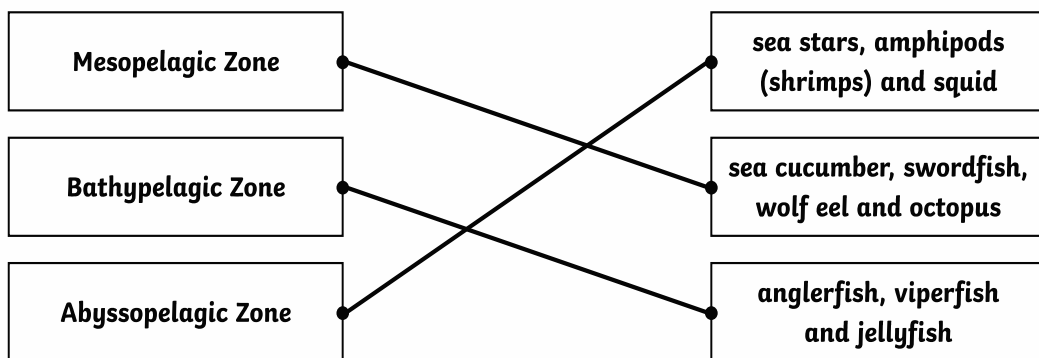
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# Answers

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2. Match the zone to the animals found within it.



3. **Find** and **copy** a word that means the same as narrow valleys.  
**canyons**

4. Name **two** conditions that mean it is only possible to explore the Twilight Zone wearing protective clothing.

**Extreme pressure; lack of warmth.**

5. Describe **two** reasons why oceanographers wish to explore the oceans more.

**Oceanographers wish to explore the oceans more to increase our knowledge and enable us to protect the oceans for future generations.**

6. Summarise what you have learned about the Abyss, in 40 words or less.

**Pupils' own responses, such as: Up to 6000m below the surface and containing 75% of the ocean bed, no sunlight reaches this layer so it is totally dark and nearly freezing with very few creatures.**

7. In your own words, explain why the Twilight Zone was given that name.  
**Pupils' own responses, such as: The Twilight Zone was given that name because it is nearly dark due to very little sunlight reaching it and twilight is the time of day when the sun has nearly set and it is getting close to being dark.**
  
8. How do you think that bioluminescent creatures use light to hunt their prey?  
**Pupils' own responses, such as: I think that bioluminescent creatures use light as a lure to entice their prey towards them because they might think that the light is something good to eat (a plant).**
  
9. Which layer do you think is the most interesting? Give **two** reasons for your choice.  
**Pupils' own responses, such as: I think that the Hadalpelagic Zone is the most interesting layer because it is the one which has been studied the least (meaning there is the most still to find out) but oceanographers have already discovered that some creatures are able to live in the difficult conditions within the Trenches.**