

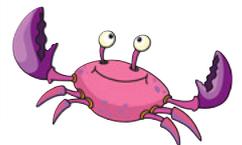
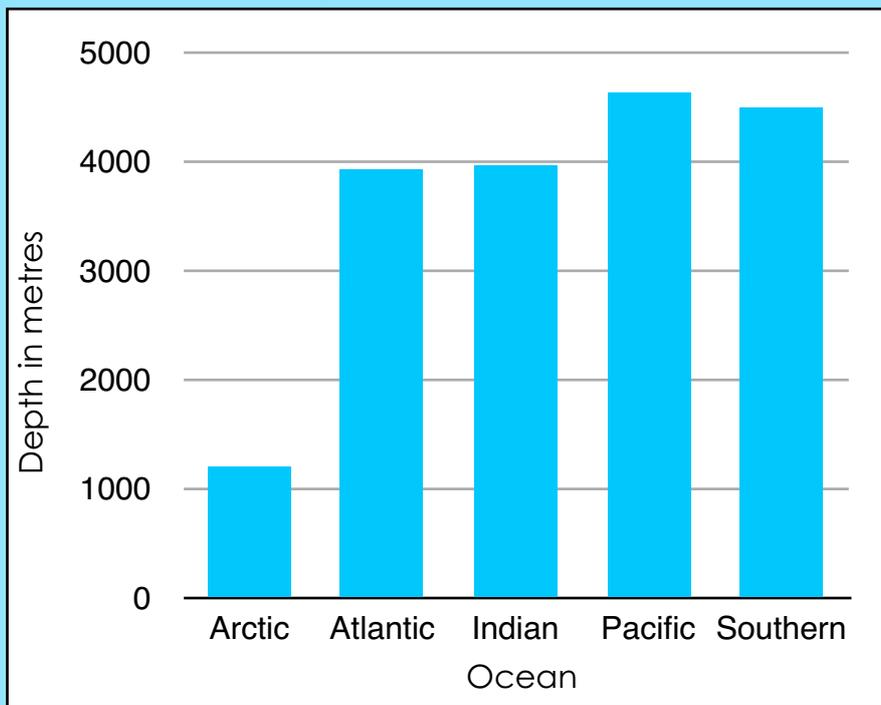
# The Oceans

A chart showing the size in area of the oceans (to the nearest million km<sup>2</sup>)

Arctic Ocean	Atlantic Ocean	Indian Ocean	Pacific Ocean	Southern Ocean
14 million km <sup>2</sup>	106 million km <sup>2</sup>	74 million km <sup>2</sup>	165 million km <sup>2</sup>	20 million km <sup>2</sup>



A graph showing the average depths of the oceans

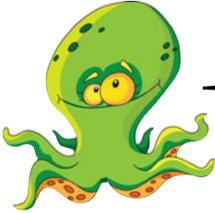


A chart showing the deepest point in each ocean

	Arctic Ocean	Atlantic Ocean	Indian Ocean	Pacific Ocean	Southern Ocean
<b>Location</b>	Arctic Basin	Puerto Rico Trench	Java Trench	Mariana Trench	South Sandwich Trench
<b>Depth</b>	5,625 m	8,800 m	7,724 m	10,911m	7,235 m

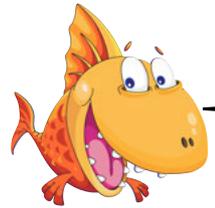
Name: \_\_\_\_\_ Date: \_\_\_\_\_

Read the Information Sheet carefully then use the data to answer these questions:



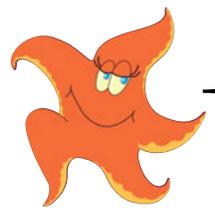
Which ocean has the largest area?

Which ocean has the smallest area?



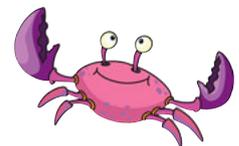
Which ocean has an area of 106 million km<sup>2</sup>?

Which of the oceans is on average the deepest?



How deep on average is the Indian Ocean?

The Pacific Ocean has the deepest point on Earth at the Mariana Trench. How deep is this?

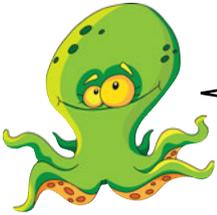


Which ocean has a deepest point of 7235 m and where is this point found?

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Read the Information Sheet carefully then use the data to answer these questions:



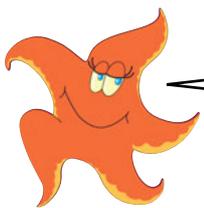
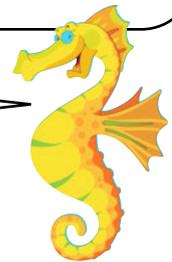
Write a list of the oceans in size order, from the largest area to the smallest area:

What is the difference in area between the Pacific Ocean and the Arctic Ocean?



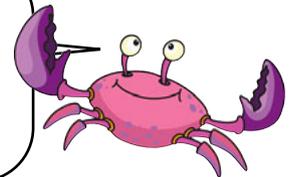
Which ocean has the most shallow average depth and what depth is it?

Which two oceans are most similar in depth?



How much deeper is the Southern Ocean than the Atlantic Ocean?

What is the location and ocean of the deepest point in the oceans?



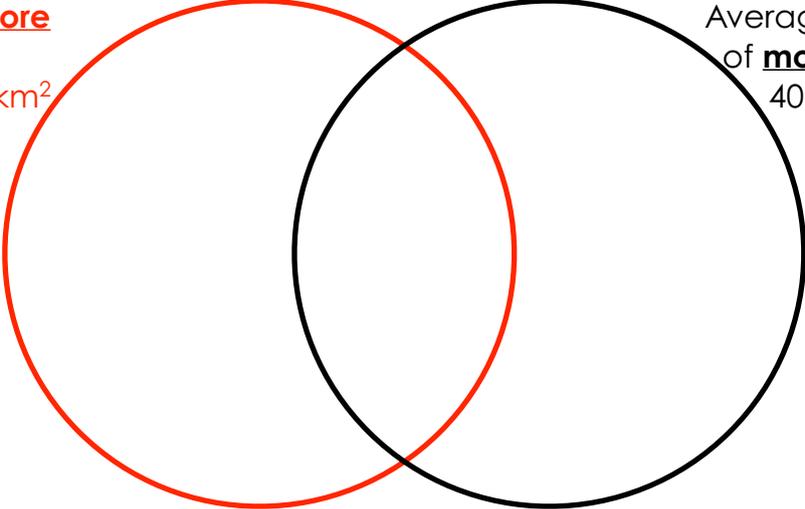
How much deeper is it at the Mariana Trench than at the Puerto Rico Trench?

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Use the Information Sheet to help you sort the oceans into these Venn diagrams. Then draw your own diagram to sort the oceans.

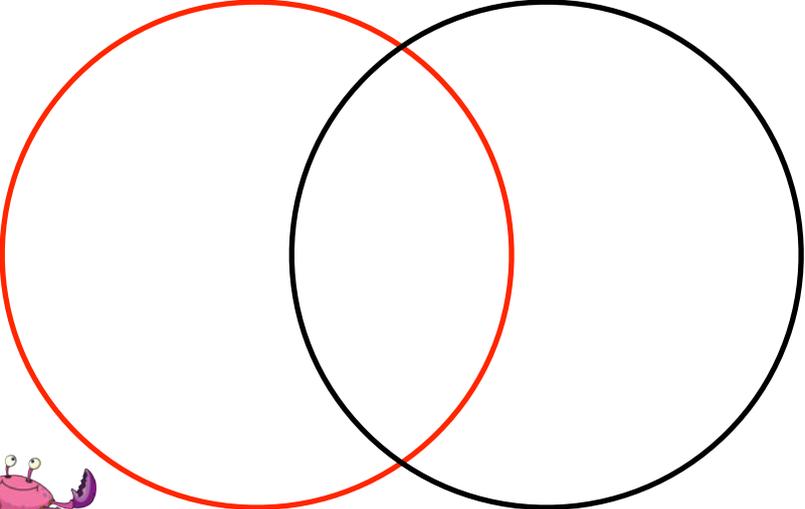
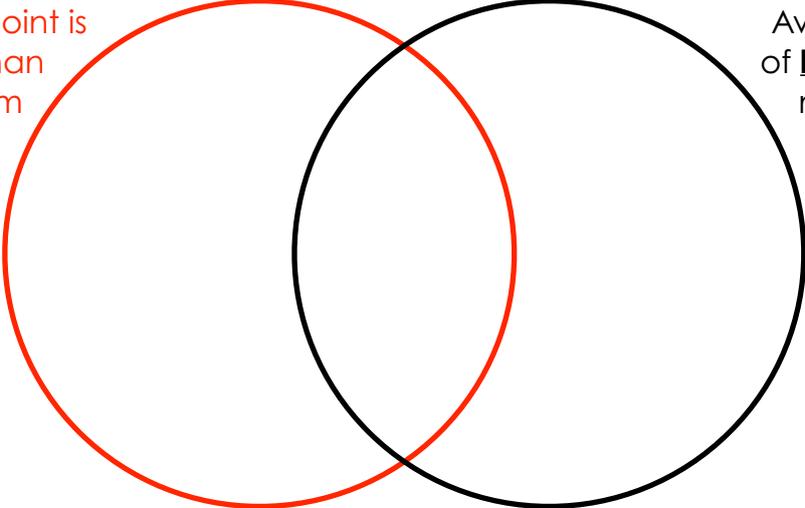
Area of **more** than 70 million km<sup>2</sup>

Average depth of **more** than 4000 m



Deepest point is **more** than 7000 m

Average area of **less** than 100 million km<sup>2</sup>



Name: \_\_\_\_\_

Date: \_\_\_\_\_



Use a computer to create a graph showing the average depths of each ocean and stick it into the box below. Use your graph to answer the questions below.

	Arctic Ocean	Atlantic Ocean	Indian Ocean	Pacific Ocean	Southern Ocean
Depth (m)	1204	3926	3963	4637	4500

Which of the oceans is on average the deepest?

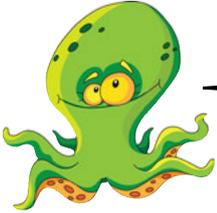
Which two oceans have an average depth of over 4000 m?

Which two oceans have a similar average depth?

True or false: The average depth of the Arctic Ocean is approximately half the average depth of the Indian Ocean.

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Read the Information Sheet carefully then use the data to answer these questions:



Which ocean has the largest area?

**Pacific Ocean**

Which ocean has the smallest area?

**Arctic Ocean**

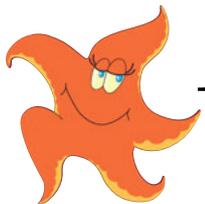


Which ocean has an area of 106 million km<sup>2</sup>?

**Atlantic Ocean**

Which of the oceans is on average the deepest?

**Pacific Ocean**

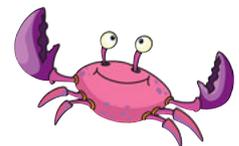


How deep on average is the Indian Ocean?

**Approximately 4000 m**

The Pacific Ocean has the deepest point on Earth at the Mariana Trench. How deep is this?

**10,911 m**



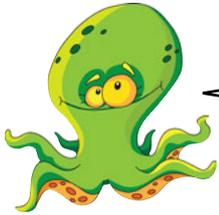
Which ocean has a deepest point of 7235 m and where is this point found?

**Southern Ocean is deepest in the South Sandwich Trench.**

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Read the Information Sheet carefully then use the data to answer these questions:



Write a list of the oceans in size order, from the largest area to the smallest area:

**Pacific Ocean, Atlantic Ocean, Indian Ocean, Southern Ocean, Arctic Ocean.**

What is the difference in area between the Pacific Ocean and the Arctic Ocean?

**151 million km<sup>2</sup>**

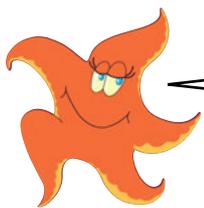
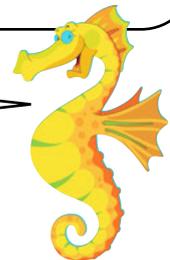


Which ocean has the most shallow average depth and what depth is it?

**Arctic Ocean is on average 1200 m deep.**

Which two oceans are most similar in depth?

**The Atlantic Ocean and the Indian Ocean.**

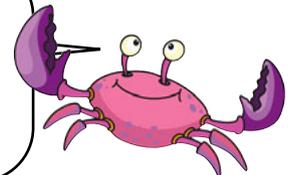


How much deeper is the Southern Ocean than the Atlantic Ocean?

**Approximately 500 m**

What is the location and ocean of the deepest point in the oceans?

**The Mariana Trench in the Pacific Ocean.**



How much deeper is it at the Mariana Trench than at the Puerto Rico Trench?

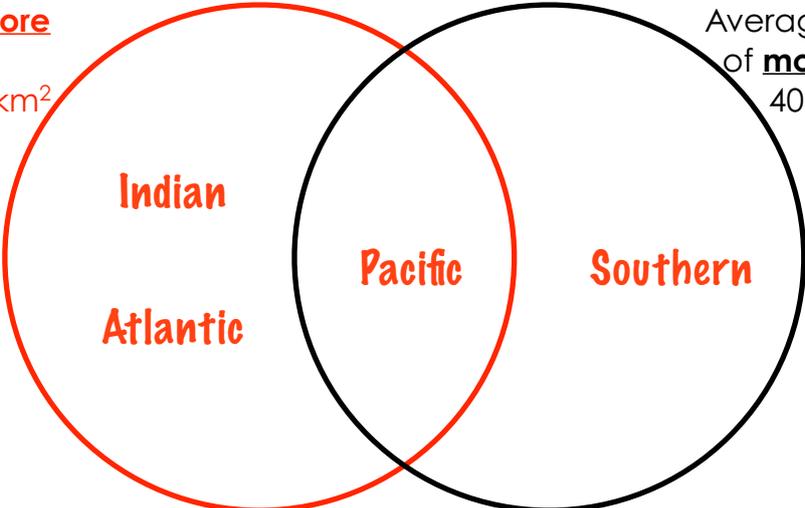
**10,911 - 8,800 = 2,111 m**

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Use the Information Sheet to help you sort the oceans into these Venn diagrams. Then draw your own diagram to sort the oceans.

Area of **more** than 70 million km<sup>2</sup>

Average depth of **more** than 4000 m



Indian  
Atlantic

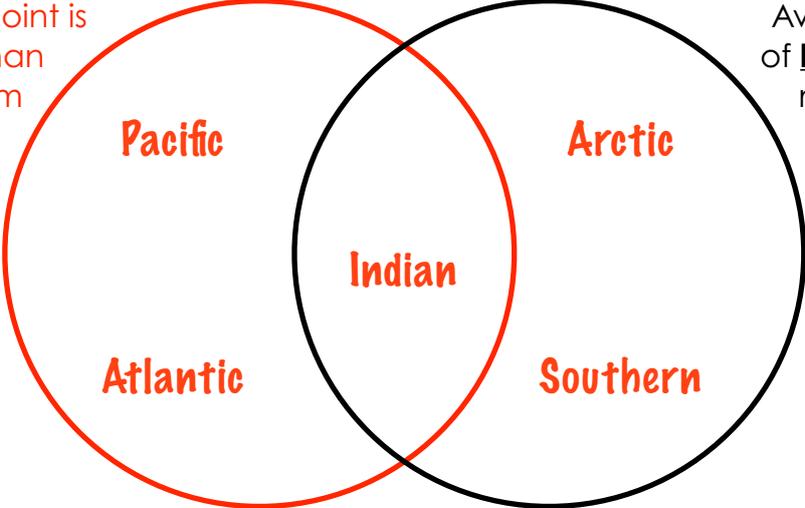
Pacific

Southern

Arctic

Deepest point is **more** than 7000 m

Average area of **less** than 100 million km<sup>2</sup>



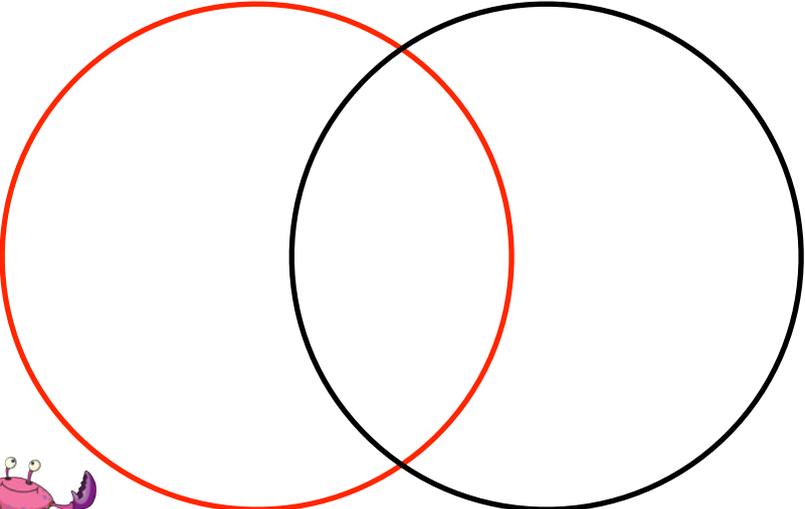
Pacific

Atlantic

Arctic

Indian

Southern



Name: \_\_\_\_\_

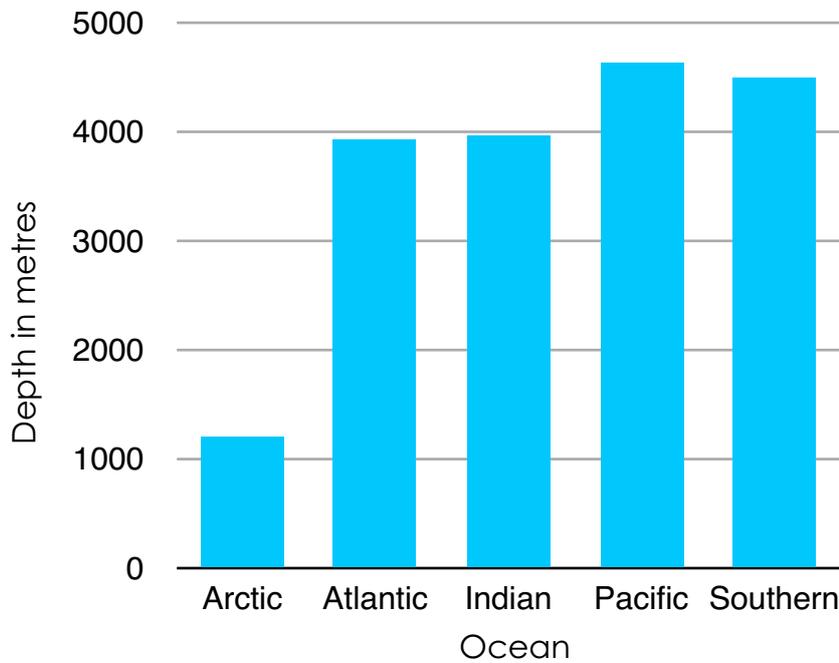
Date: \_\_\_\_\_



Use a computer to create a graph showing the average depths of each ocean and stick it into the box below. Use your graph to answer the questions below.

	Arctic Ocean	Atlantic Ocean	Indian Ocean	Pacific Ocean	Southern Ocean
Depth (m)	1204	3926	3963	4637	4500

A graph showing the average depths of the oceans



Which of the oceans is on average the deepest?

**Pacific Ocean**

Which two oceans have an average depth of over 4000 m?

**Pacific Ocean and Southern Ocean**

Which two oceans have a similar average depth?

**Atlantic Ocean and Indian Ocean**

True or false: The average depth of the Arctic Ocean is approximately half the average depth of the Indian Ocean.

**False**