

Students will use the following terms as they complete the study pages in this unit.

| | | | |
|-----------------------|----------------------|--------------------|------------------|
| Accra | Equator | Madagascar | Senegal |
| Addis Ababa | Eritrea | Malawi | Sidra, Gulf of |
| Africa | Ethiopia | Mali | Sierra Leone |
| Ahaggar | Europe | Mauritania | Somalia |
| Algeria | Gabon | Mediterranean Sea | South Africa |
| Algiers | Ghana | Mogadishu | Spain |
| Angola | Gibraltar, Strait of | Monrovia | Sudan |
| Arabian Desert | Gibraltar | Morocco | Suez Canal |
| Aswan High Dam | Good Hope, Cape of | Mozambique | Swaziland |
| Atlantic Ocean | Guinea | Mozambique Channel | Tanganyika |
| Atlas Mountains | Guinea, Gulf of | Nairobi | Tanganyika, Lake |
| Benin | Guinea-Bissau | Namib Desert | Tanzania |
| Blue Nile River | Harare | Namibia | Togo |
| Botswana | Indian Ocean | Nasser, Lake | Tripoli |
| Burundi | Ivory Coast | Niamey | Tunis |
| Cairo | Kalahari Desert | Niger | Tunisia |
| Cameroon | Kenya | Nigeria | Uganda |
| Cape Town | Khartoum | Nile River | Vaal River |
| Chad | Kigali | Nyasa, Lake (Lake | Victoria, Lake |
| Chad, Lake | Kilimanjaro | Malawi) | Windhoek |
| Congo | Liberia | Orange River | Zaire |
| Congo River | Libreville | Pretoria | Zambezi River |
| Dakar | Libya | Qattara Depression | Zambia |
| Dar es Salaam | Libyan Desert | Red Sea | Zimbabwe |
| Djibouti | Lilongwe | Rwanda | |
| Drakensberg Mountains | Limpopo River | Sahara Desert | |
| Egypt | Luanda | Saudi Arabia | |

AFRICA

Political Features Puzzle—Clues

Directions: Each clue on this page will help you find a correct answer for the Political Features Puzzle. Write the letters of each answer in the spaces provided. Make sure all answers interlock correctly.

Across

1. Country northeast of the city of Addis Ababa
3. Country east of Sudan
5. Country north of Guinea on the west coast of Africa
6. Country that borders South Africa and Mozambique
8. Country that borders Mauritania on the east
9. Country whose capital is Monrovia
12. Capital of Tunisia
13. Capital of Kenya
15. Nation on Botswana's northeastern border
16. Nation that borders Niger on the south
17. Nation whose capital is Pretoria

Down

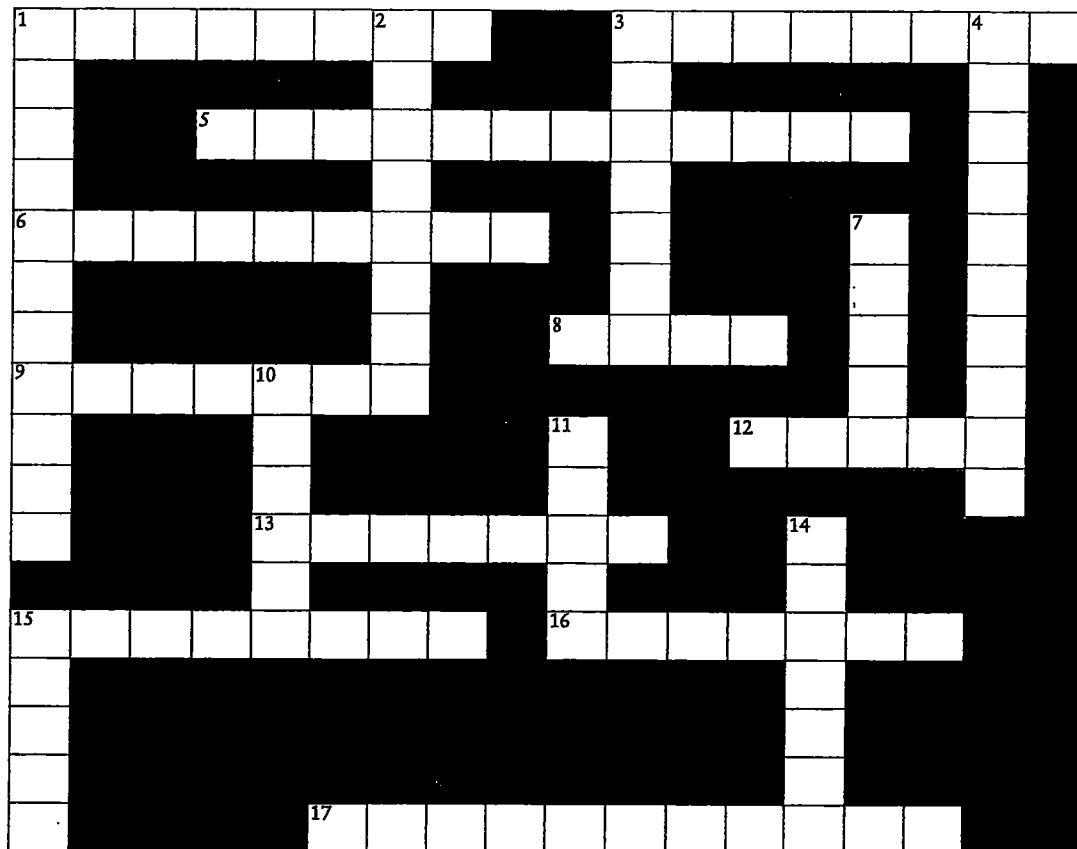
1. Capital of Tanzania
2. Nation that borders Zambia on the northeast
3. Nation that borders Ethiopia on the north
4. Nation west of Ghana
7. Nation that borders Togo on the east
10. Nation whose capital is Kigali
11. Nation west of Congo
14. Nation south of Rwanda
15. Nation north of Angola



Name _____ Date _____

AFRICA

Political Features Puzzle



AFRICA

Physical Features Puzzle—Clues

Directions: Use each clue to help locate the physical feature described. Write the name of that feature in the space provided. When you finish, the boxed letters will spell a phrase related to this puzzle.

1. The channel that separates Madagascar from mainland Africa
2. Lake between Tanzania and Zaire
3. Mountains found along South Africa's east coast
4. Strait that separates Morocco in Africa from Spain in Europe
5. Large body of water that separates Africa from Europe
6. Mountains in southeastern Algeria
7. Lake shared by Tanzania, Kenya, and Uganda
8. River that forms the border between South Africa and Zimbabwe
9. Large body of water on the coast of Togo, Cameroon, and Nigeria
10. The largest desert in Africa
11. Body of water off Madagascar's east coast
12. River that forms the border between Congo and Zaire
13. River that starts in Ethiopia and flows north
14. The depression that is Africa's lowest point
15. Desert located in Botswana
16. Desert located in Namibia
17. River bordering Zambia on the south
18. River into which the Vaal River flows from the north
19. Mountains located in the northwest corner of Africa



Name _____ Date _____

AFRICA

Physical Features Puzzle

1. _ _ _ _ [] _ _ _ _ _
2. _ _ _ _ _ [] _ _ _
3. _ _ _ _ _ [] _ _ _ _
4. _ _ _ _ _ [] _ _ _
5. _ _ _ _ _ [] _ _ _ _ _ _ _ _ _
6. _ _ _ _ _ []
7. _ _ _ _ _ [] _
8. _ _ _ _ _ []
9. _ _ _ _ _ [] _ _ _ _
10. [] _ _ _ _ _

11. _ _ _ _ _ [] _ _ _ _
12. []
13. _ _ _ _ _ [] _ _ _ _
14. [] _ _ _ _
15. _ _ _ _ _ []
16. [] _ _ _ _ _
17. _ _ _ _ _ [] _ _ _
18. _ _ _ _ [] _ _ _
19. [] _ _ _ _





Speedy Animals


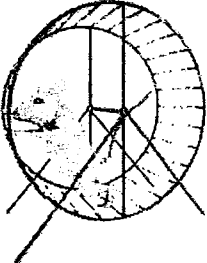
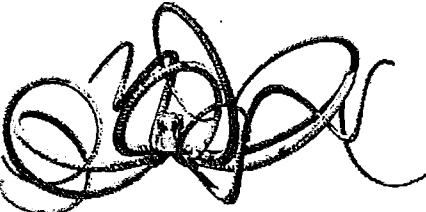
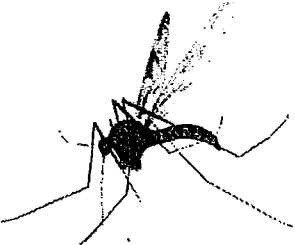
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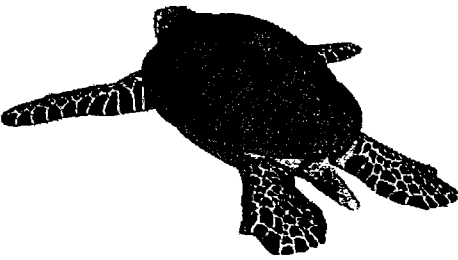
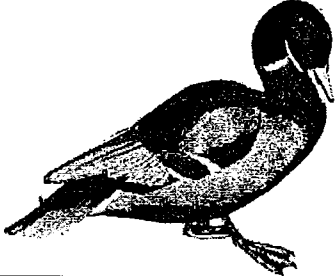
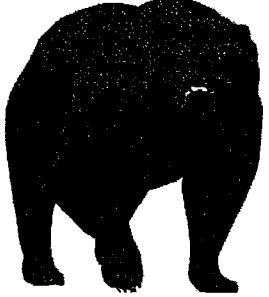
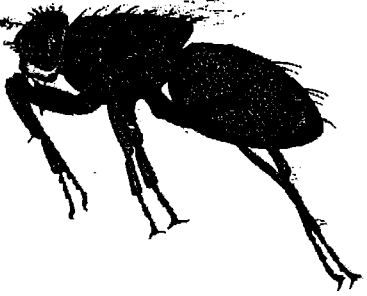
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What do you think? Make a prediction. Of the following eight animals listed below, rank them in order (slowest to fastest) according to speed. Which animal do you think has the slowest average top speed all the way to which animal has the fastest average top speed? **Cheetah, Mouse, Octopus, Mosquito, Sea Turtle, Duck, Bear, Horse Fly**

| | | | |
|----|----|----|----|
| 1. | 2. | 3. | 4. |
| 5. | 6. | 7. | 8. |

Directions: Below, you will find eight different animals and their top average speed. For each animal, determine how many miles they travel per hour. Show your work.

| Animal | Problem | Solution |
|---|---|----------|
|  | <p>The cheetah has an ability to accelerate quickly in three seconds. Suppose a cheetah could travel 1.5 hours at top speed covering 111.9 miles. How far can a cheetah travel in one hour?</p> | |
|  | <p>Sometimes, people have a pet house mouse. If a mouse could travel at top speed, running 20.25 miles in 2.5 hours, how far could it travel in one hour?</p> | |
|  | <p>Most octopi have no internal or external skeleton. If a highly intelligent octopus could travel 99.6 miles at top speed in 4 hours, how far would it travel in one hour?</p> | |
|  | <p>About 3,500 different species of mosquitoes exist in the world. If a mosquito traveled 10.8 miles at top speed in 9 hours, how far did it travel in one hour?</p> | |

| Animal | Problem | Solution |
|---|--|----------|
|  | <p>Sea turtles are strong swimmers. A sea turtle cannot retract its head under its shell like a land turtle. If a sea turtle traveled 2.8 miles at top speed in 2 hours, how far did it travel in one hour?</p> | |
|  | <p>A mallard duck is 56 to 65 centimeters long. If the duck traveled 97.8 miles at top speed in 1.5 hours, how far did it travel in one hour?</p> | |
|  | <p>A brown bear can weigh 220 to 1,500 pounds. Suppose a bear traveled 65.1 miles at top speed in 3 hours. How far could the bear travel in one hour?</p> | |
|  | <p>A horse-fly can be extremely noisy during flight. In addition to being a pest, a horse-fly pollinates flowers. If a horse-fly traveled 180.2 miles at top speed in 2 hours, how far did it fly in one hour?</p> | |

Now that you have found your unit rate calculations, list the animals in order from slowest to fastest according to their top average speed. How close were you to your prediction? **Cheetah, Mouse, Octopus, Mosquito, Sea Turtle, Duck, Bear, Horse Fly**

| | | | |
|----|----|----|----|
| 1. | 2. | 3. | 4. |
| 5. | 6. | 7. | 8. |

Reflection: Describe how you find the unit rate? _____

