

6th Grade Homework

Date: Friday April 30th 2021

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6B: Timmy, Corbin

6C: Tanner

SOCIAL STUDIES:

SCIENCE: Precipitation HW worksheet

Read ch. 5
No HW

MATH: Surface Area notes / HW

IXL: Z.7-13

ELA: Read 20 min.

OTHER:

Name: _____

Date: _____

Surface Area of Rectangular Prisms

1. Surface area: _____

2. What are some ways you might use surface area in real life? _____

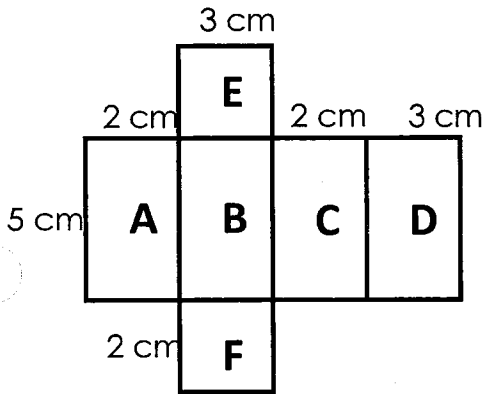
3. A _____ is a two dimensional representation of a three-dimensional figure.

4. You can use nets to help you find _____

5. To find surface area, find the _____ of each face.

6. Then _____ the areas together.

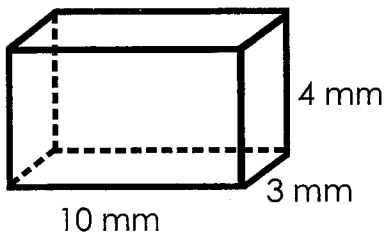
7. Find the surface area of the rectangular prism below:



Side:	Area:
A	
B	
C	
D	
E	
F	

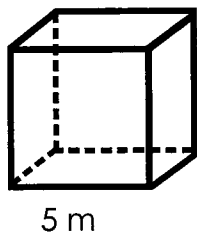
8. You can also use the formula _____ to find area of a rectangular prism.

9. Find the surface area of the rectangular prism below:



10. The formula to find surface area of a cube is: _____

11. Find the surface area of the cube below:

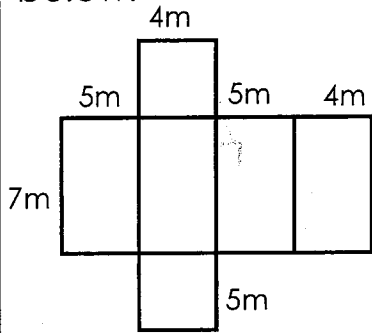


Name: _____

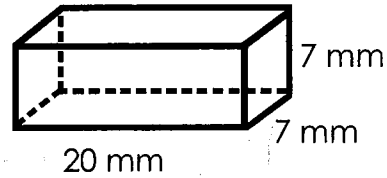
Date: _____

Practice: Surface Area of Rectangular Prisms

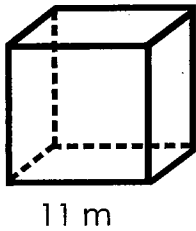
#1 Find the surface area of the figure below:



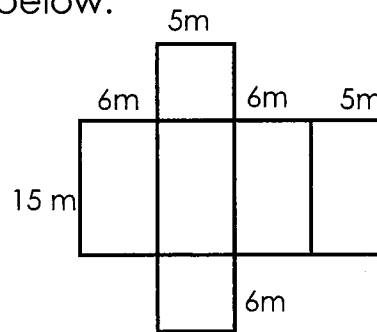
#2 Find the surface area of the figure below:



#3 Find the surface area of the figure below:



#4 Find the surface area of the figure below:



#5 James is wrapping a birthday gift for his mom. The box has a length of 4 feet, a width of 3 feet and a height of 1 foot. What is the exact amount of wrapping paper that he needs to cover the gift?

Area of Composite Figures

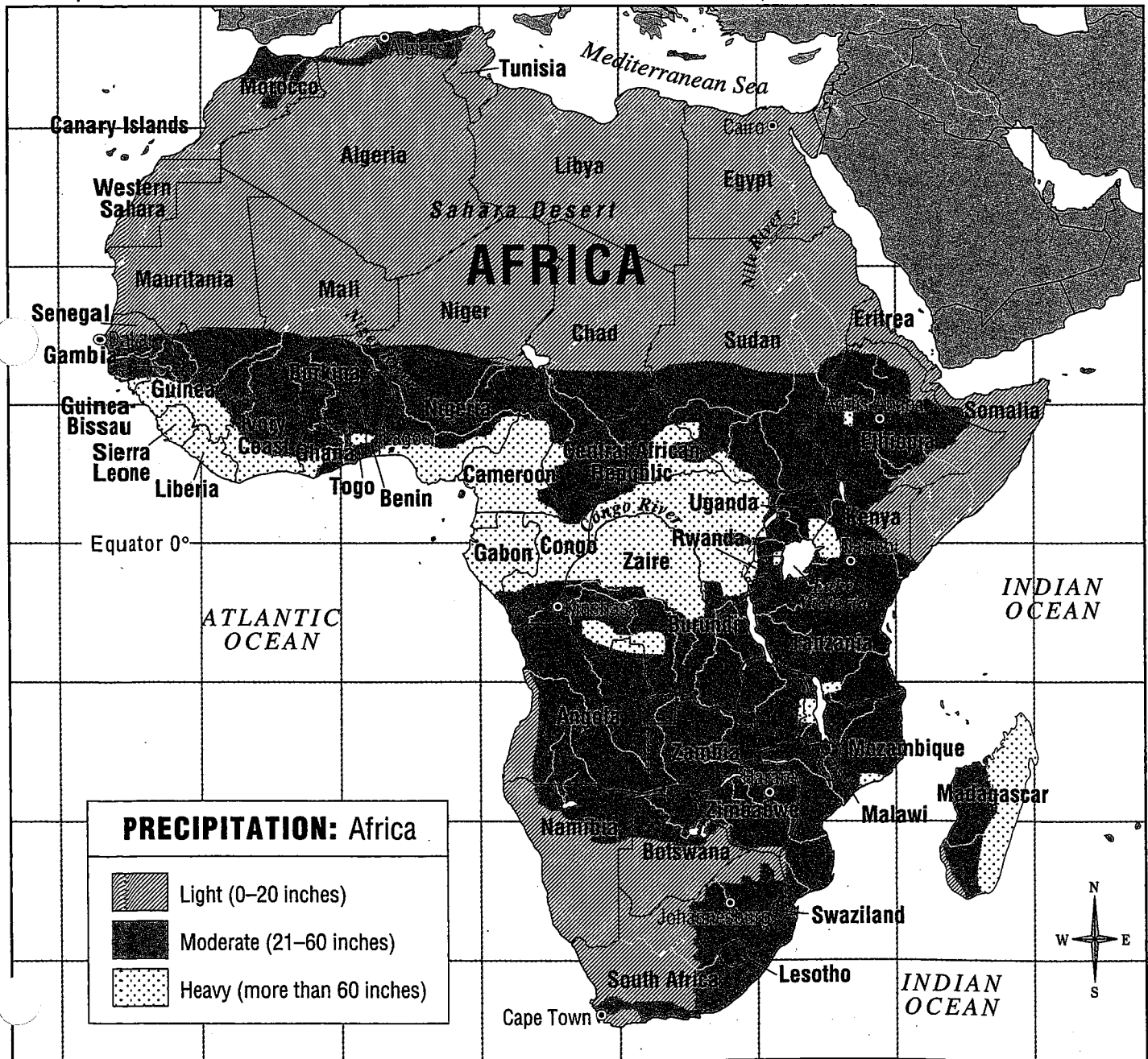
Name _____

(Drawings are not to scale) (The numbers represent units) (Answers are in square units)

Precipitation

Africa

A precipitation map shows the amount of snow, rain, sleet, and hail that falls to the earth in a place in an average. The greater the precipitation in a place, the wetter it is. Precipitation is one of the most important parts of climate, and it can have a great effect on the way people in a place live. For example, the crops people grow depend a great deal on the precipitation where they live.



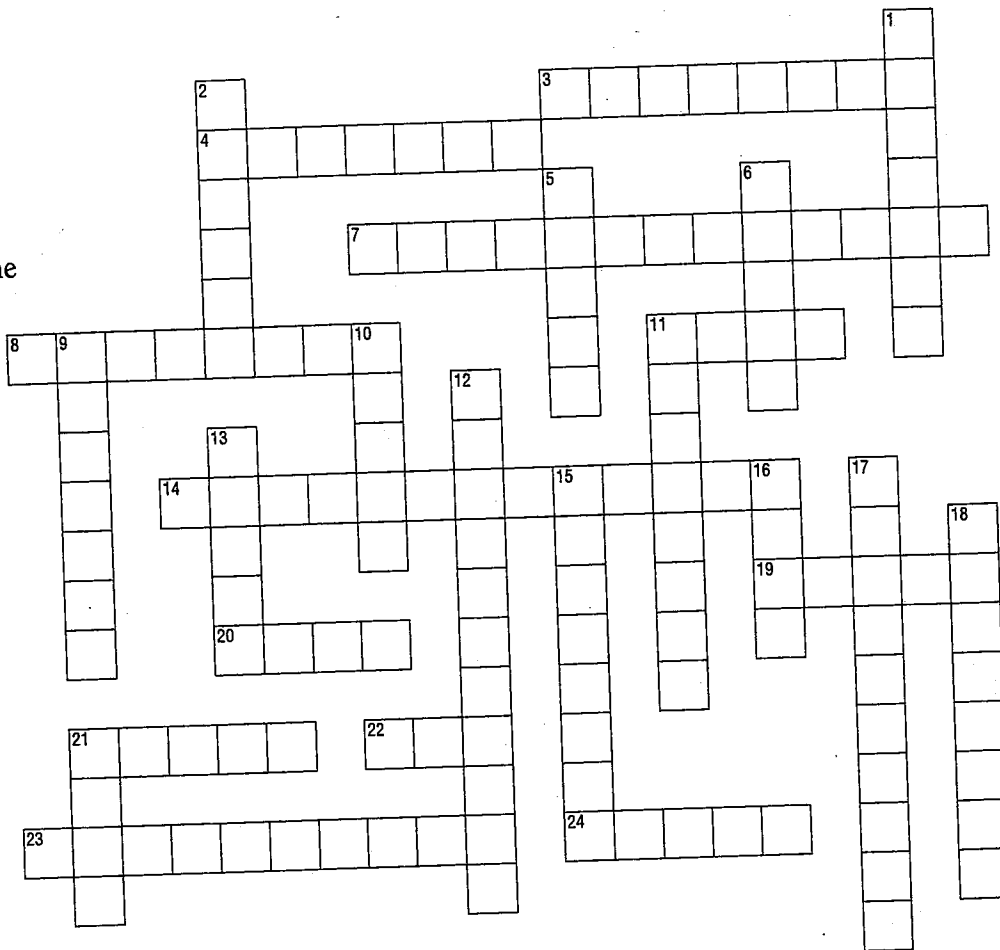
Precipitation

Across

- 3 The large lake near the center of Africa is Lake _____.
- 4 Along this line of 0° latitude, called the _____, are some of Africa's wettest areas.
- 7 Another word for rain and snow is _____.
- 8 This very southern city is in an area of moderate rainfall.
- 11 Gabon receives _____ rain than Egypt.
- 14 Most of the coast along the _____ Sea is very dry.
- 19 Areas that receive 0-20 inches of precipitation are called _____ in the key.
- 20 Annual precipitation means the amount of rain that falls in one _____.
- 21 The Nile River flows right by this Egyptian city.
- 22 Areas with heavy precipitation are _____.
- 23 This island off Africa has all three precipitation areas.
- 24 This river carries water from Central Africa to the Atlantic.

Down

- 1 This capital city of Kenya is in a moderate precipitation area.
- 2 Landform often found in very dry areas.
- 5 North African country completely in a light precipitation area.
- 6 This Central African country is one of the wettest in Africa.
- 9 This city is in one of the few areas with moderate rainfall in North Africa.
- 10 Most of _____ Africa is very dry.
- 11 Areas that receive between 21 and 60 inches of precipitation are called _____ in the key.



- 12 Farming, also called _____, is difficult in areas with light precipitation.
- 13 Areas that receive more than 60 inches of precipitation are considered _____ in the key.
- 15 Along the coast of this ocean are some wet areas.
- 16 This mighty river flows north from Central Africa to the Mediterranean Sea.
- 17 The amount of rain that falls can affect the type of plants that grow, called _____.
- 18 This country in East Africa has all three types of precipitation areas.
- 21 The northern part of the country of _____ is dry; the southern part has moderate rainfall.

DID YOU KNOW?

The Sahara Desert is the largest desert in the world. It covers more than 3.5 million square miles, more than ten times the size of Texas. Some parts of this dry land receive no precipitation for years at a time.