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

Basics of Geometry Review

Use the figure at the right to answer the questions below.

A

B

C

D

E

F

G

H

|  |  |
| --- | --- |
| Name the plane represented by the given surface of the box.  1. top: \_\_\_\_\_\_\_ 2. back: \_\_\_\_\_\_\_  3. Shade the plane that contains the points , and .  4. Is point coplanar with points ?  5. Are D, C, A, F coplanar? Explain |  |

6. Are and the same? Explain.

7. How many unique rays are in the below picture? **Name them**

R

S

T

U

Use the figure to answer the below questions

A

B

C

D

E

8. How many unique segments are in the figure?

|  |  |  |  |
| --- | --- | --- | --- |
| A) 16 | B) 8 | C) 6 | D) 10 |

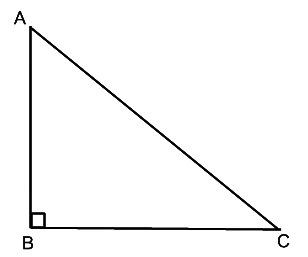
9. What is another name for ?

|  |  |  |  |
| --- | --- | --- | --- |
| A) | B) | C) | D) |

10. What is the difference between collinear and coplanar?

11. Define an angle.

12. In the triangle ABC, name the rays that form <A



13. Name all the angles that have R as a vertex.

R

I

C

K

•

•

•

•

1. 2

14. What are supplementary angles? What are complementary angles?