Review Unit 2 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

1. Simplify the following:

 A.  B. 

2. Simplify the following

$$A. \frac{-2}{3} ∙ \frac{3}{7} B. \frac{2}{3} ÷ \frac{3}{5} $$

3. Jane practices the piano for $5\frac{1}{2}$ hours each week. How many hours does she practice in a month?

4. Match the vocabulary words on the left with a definition on the right

\_\_\_\_\_\_ 1. Point a. Two angles with measures that have a sum of 90

\_\_\_\_\_\_ 2. Line b. Lines that intersect to form a right angle

\_\_\_\_\_\_ 3. Acute Angle c. An angle greater than 90 and less than 180

\_\_\_\_\_\_ 4. Parallel Lines d. An angle less than 90 degress

\_\_\_\_\_\_ 5. Obtuse Angle e. A location that is represented as a dot

\_\_\_\_\_\_ 6 Right Angle f. Two angles with measures that have a sum of 180

\_\_\_\_\_\_ 7. Perpendicular Lines g. A line with a measure of 180 degrees

\_\_\_\_\_\_ 8. Straight Angle h. An angle with a degree measure of 90

\_\_\_\_\_\_ 9. Complimentary Angles i. Lines that don’t intersect and have the same slope

\_\_\_\_\_\_ 10. Supplementary Angles j. Made up of points with arrows at each end



5. Find KL in the following figure

When JK= $\frac{1}{3}$ cm and JL= $\frac{5}{7}$ cm J K L

**Use the diagram to name the figures.**

6. Name three collinear points.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7. Name three noncollinear points. \_\_\_\_\_\_\_\_\_\_\_\_\_

8. Name four noncoplanar points. \_\_\_\_\_\_\_\_\_\_\_\_\_\_

9. Name two intersecting lines. \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Use the diagram to find the measure of the angle.**

10. 

 11. 

**In questions 12-14, refer to the diagram above. State what type of angle is formed.**

(Acute, right, obtuse, of straight)

12. 

 13. 

 14. 

15. Assume  and  are supplementary.

 If 

16. Assume  and  are complementary.

 If 

17. What is the length of the following line?



****Use the figure below for #18-20. Complete each statement with *parallel, perpendicular, or skew****.* (3 points each)

**18.** $\overleftrightarrow{AH}$and$\overleftrightarrow{GF}$are**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

**19.** $\overleftrightarrow{BC}$and$\overleftrightarrow{GD}$are **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

**20.** $\overleftrightarrow{HE}$and$\overleftrightarrow{DE}$are **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

21. Jack is planning a summer camp, they want to put a fence around the camp. Which unit of measure would be appropriate?

 a. miles b. feet c. centimeters d. inches