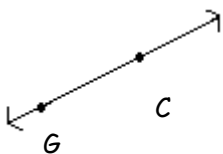


NAME _____

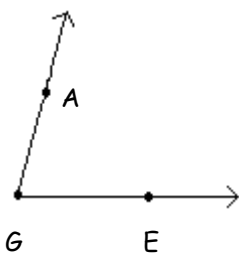
MATH 095
CHAPTER 9 REVIEW
SHOW ALL WORK

Identify the figure as a line, a ray, a line segment, or an angle. Then name the figure using the given points.

1)



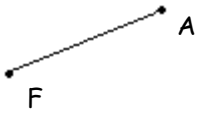
2)



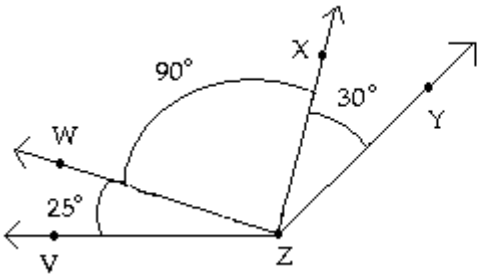
3)



4)



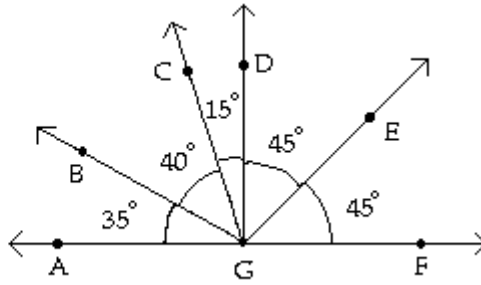
Find the measure of the angle.



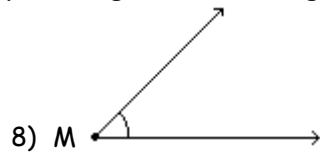
5) $\angle XZW$

6) $\angle WZY$

7) $\angle FGB$



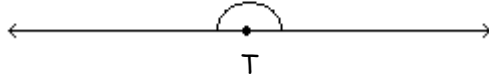
Classify the angle as acute, right, obtuse, or straight.



9)



10)



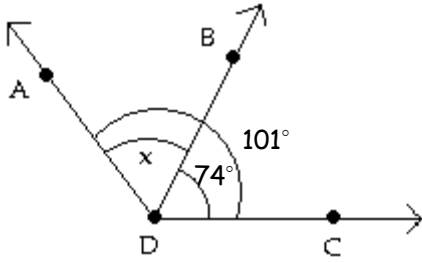
Find the indicated angle.

11) Find the supplement of 71° .

12) Find the complement of 79° .

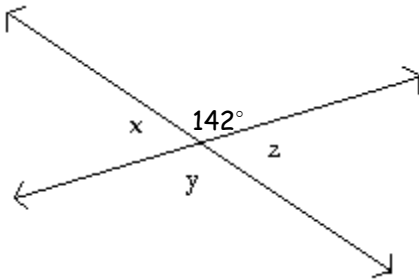
Find the measure of the unknown angle. Figure is not drawn to scale.

13)



Find the measure of $\angle x$.

14)



Find the measure of $\angle x$.

Convert the measurement as indicated.

15) 144 in. to feet

16) 53 ft = _____ yd _____ ft

Perform the indicated operation. Simplify the result if possible.

17) $38 \text{ ft } 1 \text{ in.} - 26 \text{ ft } 11 \text{ in.}$

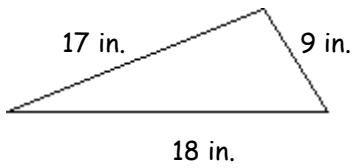
Convert as indicated.

18) 89 m to centimeters

19) 70.2 mm to decimeters

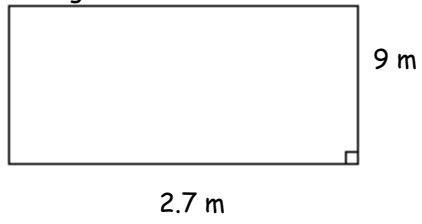
Find the perimeter of the figure.

20)

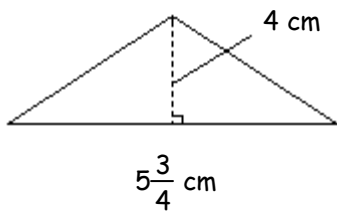


Find the area of the geometric figure.

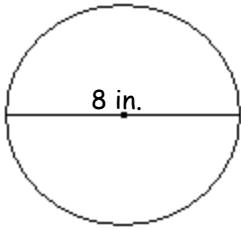
21) Rectangle



22)

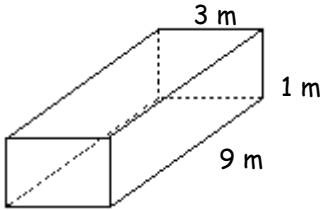


23)



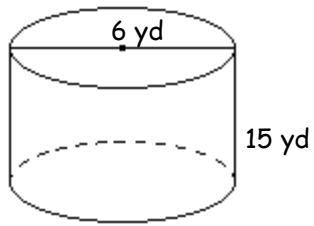
Use 3.14 for π . Round to the nearest hundredth, if necessary.

Find the volume of the solid.



24)

25)



Use $\frac{22}{7}$ for π .

Convert as indicated.

26) $4\frac{1}{8}$ lb to ounces

Solve. Remember to insert units in your answer.

27) Harry caught a fish weighing 25 lb 9 oz and then caught a second fish weighing 4 lb 8 oz. How much more did the first fish weigh?

Convert as indicated.

28) 160 mg to grams

Solve. Remember to insert units in your answer.

29) A bottle weighs 98 grams. Find the weight in kilograms of 37 bottles.

Convert the measurement as indicated.

30) 37 qt to gallons

31) $5\frac{1}{2}$ pt to fluid ounces

32) 6 c to gallons

33) $21\frac{1}{4}$ qt to cups

Perform the indicated operation.

34) 2 gal 6 fl oz \times 2

Convert as indicated.

35) 2700 L to hectoliters

Convert as indicated. Round to the nearest hundredth, if necessary.

36) 98.6 in. to centimeters

37) 1800 g to ounces

38) 5.5 L to gallons