Fifth Grade - Weekly Review #3

Name: _____ **Date:** _____

1. Use your protractor to help you solve this problem.

   In the space below, draw an angle that measures 50°.

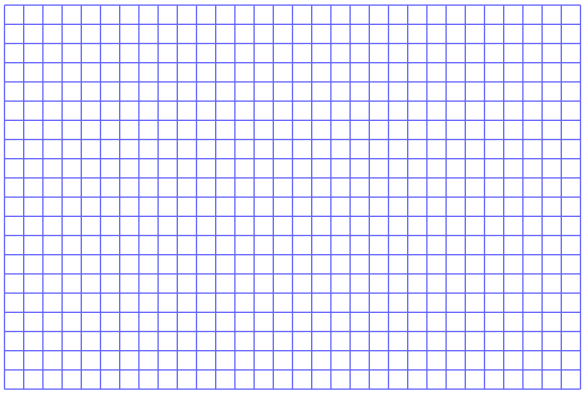
   What type of angle did you draw?

2. Write two hundred three and forty-two thousandths in standard form and expanded form.

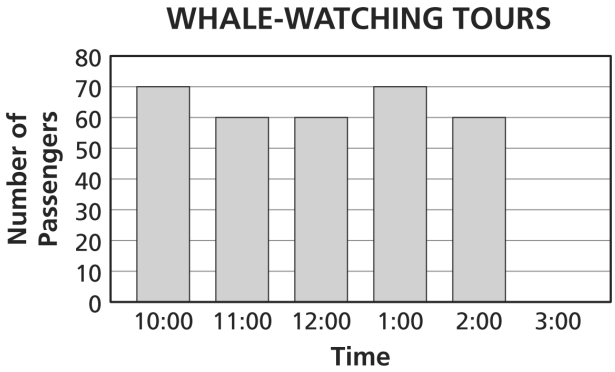
   _____

   _____

3. At the Middleton School festival, a tent covers a rectangular space $30\frac{1}{2}$ yards long and $9\frac{1}{3}$ yards wide. What is the area, in square yards, covered by the tent?



4. Sheri operates whale-watching boat tours. The graph below shows the number of passengers on five of the tours for one day.



   a) Sheri's goal is to have 380 passengers each day. How many passengers are needed on the 3:00 tour for Sheri to reach her goal?

   b) Use the data in the graph to explain whether Sheri is likely to meet her goal.

   _____

   _____

   _____

   _____

   _____

5. What rule explains the pattern below?

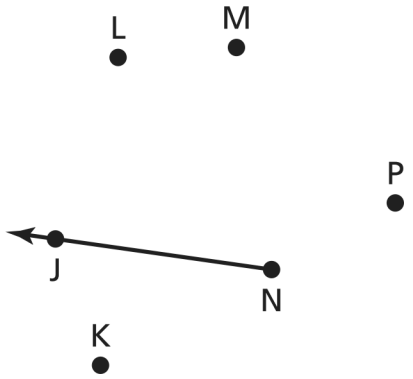
   14, 42, 126, 378, . . .

6. Pax wants to make fruit punch for a party using the recipe below.

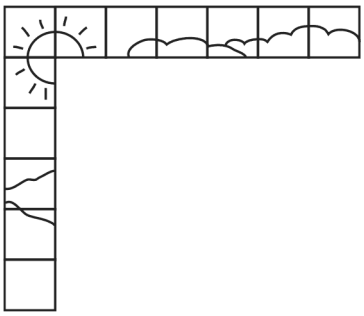
Fruit Punch	
1.25 L	orange juice
2.5 L	cranberry juice
1 L	ginger ale

   He will make three times the amount of fruit punch listed in the recipe. What is the total amount of fruit punch, in liters, that Pax will make?

7. Which point in the diagram below can be connected to point *N* to form an obtuse angle with ray *NJ*?



8. Tony began putting together a rectangular puzzle. He completed the top edge and left edge of the puzzle, as shown below. Each piece is a square that has a side length of $2\frac{1}{2}$ centimeters.



What is the total area, in square centimeters, of the completed puzzle?

9. Trisha places an order for balloons to hand out at a city parade. She creates the pictograph below to record the number of each color of balloon she orders.

BALLOONS

Color	Number of Balloons
Red	○○○○○○
Green	○○○○○○○○○◗
Blue	○○○○○○○○○○
Yellow	○○○○○○○
White	○○○○○○○○◗

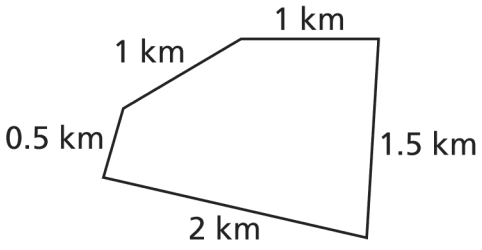
KEY
○ = 8 balloons

a) How many red balloons does Trisha order?

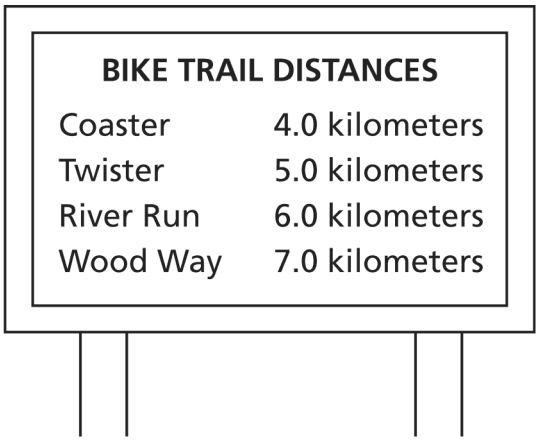
b) Trisha later decides to place an order for purple balloons. The number of purple balloons she orders is greater than the number of yellow balloons and less than the number of white balloons. Predict the number of purple balloons Trisha orders. Use the data in the pictograph.

Explain how you made your prediction.

10. There are four bike trails in Garland Park. The diagram below shows one of the bike trails. The sign shows the distances of all of the bike trails.



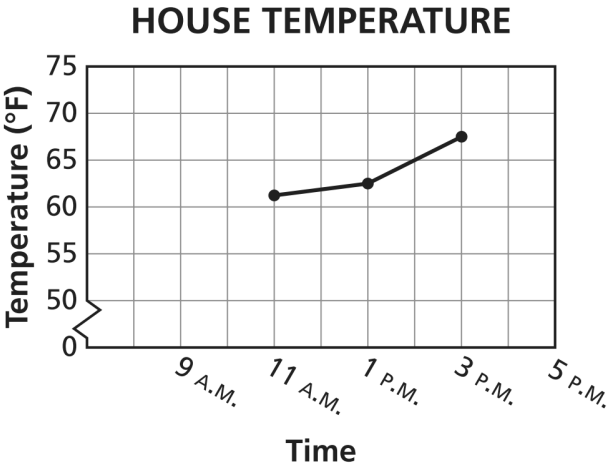
[not drawn to scale]



Which bike trail does the diagram show?

A. Coaster B. Twister C. River Run D. Wood Way

11. Jordan recorded the temperature in her house every 2 hours. A portion of her data is shown on the line graph below.



a) The temperature in Jordan's house at 9:00 a.m. and at 5:00 p.m. was 65°. Plot these points, and then connect the points to complete the graph.

b) What was the approximate temperature in Jordan's house at 11:00 a.m.?

What was the approximate difference in temperature from 1:00 p.m. to 3:00 p.m.?

12. Molly bought 12.5 yards of fabric for $4.50 a yard to make dog beds. She uses 2.5 yards of fabric for each dog bed. She sells each dog bed for $17.50. After subtracting the cost of the fabric, how much money does Molly earn if she sells all of the dog beds?

13. Use your ruler to help you solve this problem.

Mr. Frank draws the line segment below for his fifth-grade students.

a) What is the measure, in centimeters, of Mr. Frank's line segment?

b) In the space below, draw a line segment that is 3 centimeters *longer* than Mr. Frank's line segment.

In the space below, draw a line segment that is 2 centimeters shorter than Mr. Frank's line segment.

Fifth Grade - Weekly Review #3 4/19/2020

1.
Answer: [drawing]
Objective: NYS 5.N.08
Points: 1

2.
Answer: 203.042,
$(2 \times 100) + (0 \times 10) + (3 \times 1) + (0 \times 0/10) + (4 \times 1/100) + (2 \times 1/1000)$
Objective: CC 5.NBT.3a
Points: 1

3.
Answer: [response]
Objective: CC 5.NF.6
Points: 1

4.
Answer: [number]; [explanation]
Objective: NYS 5.S.04
Points: 1

5.
Answer: Multiply by 3.
Objective: NYS 5.A.07
Points: 1

6.
Answer: 14.25
Objective: CC 5.NBT.7
Points: 1

7.
Answer: point P
Objective: NYS 4.G.07
Points: 1

8.
Answer: $262\frac{1}{2}$
Objective: CC 5.NF.4b
Points: 1

9.
Answer: [number]; [task]
Objective: NYS 5.S.04
Points: 1

10.
Answer: C
Objective: NYS 5.G.01
Points: 1

11.
Answer: [graph]; [number], [number]
Objective: NYS 5.S.02
Points: 1

12.
Answer: [response]
Objective: CC 5.NBT.7
Points: 1

13.
Answer: [response]; [drawing]
Objective: NYS 5.M.03
Points: 1