***Maths Trail – March 2017***

***Ballyadams N.S. – Rang a Sé***

1. What is the length of the corridor?

Estimate: \_\_\_\_\_\_\_\_\_\_ Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_

2. How much does the candle in Mr. Fitzgerald’s class weigh?

Estimate: \_\_\_\_\_\_\_\_\_\_\_\_ Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Look at the big gate between the car park and the Infant yard. How many vertical and horizontal bars are on the gate?

Vertical: \_\_\_\_\_\_\_\_\_\_\_ Horizontal: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. How many vertical bars would be needed to make 21 gates? \_\_\_\_\_\_\_\_\_

5. Pick a leaf off a tree and draw it below.

Mark the line/lines of symmetry on the drawing.

6. Stand in the middle of the Infant yard and face the basketball ring. Turn 270 degrees clockwise and write down what you see.

Answer: \_\_\_\_\_\_\_\_

7. What type of angle is 270 degrees? \_\_\_\_\_\_\_\_\_\_\_

8. What time is it? \_\_\_\_\_\_\_\_\_\_

What time will it be in 2.8 hours? \_\_\_\_\_\_\_\_\_\_\_\_

9. List all the composite numbers on the clock face? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

10. In the hall, find the 3 objects with right angles? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

11. Find the following 3D shapes in the classroom:

Cuboid: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sphere: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cylinder: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

12. What is the perimeter of the hall?

Estimate: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

13. What is the area of the hall?

Estimate: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

14. Find the circumference of the round table in the Maths room?

Estimate: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

15. What is the area of the table? Round to two decimal places.

Estimate: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

16. Calculate the height of the door in the classroom?

Estimate: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

17. How many doors would you fit along the corridor if laid flat on the ground?

Estimate: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Names: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_*

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