



Shape and Space

2-D Shapes and Symmetry in the Home

1. How many sides does your chair have?

2. Is the shape of your chair seat (the flat part) a regular or irregular shape?

3. What shape is your chair seat? _____

4. How many lines of symmetry does your chair seat have? _____

5. What shape is the top of your kitchen table? _____

6. Is the top of your table a regular or irregular shape? _____

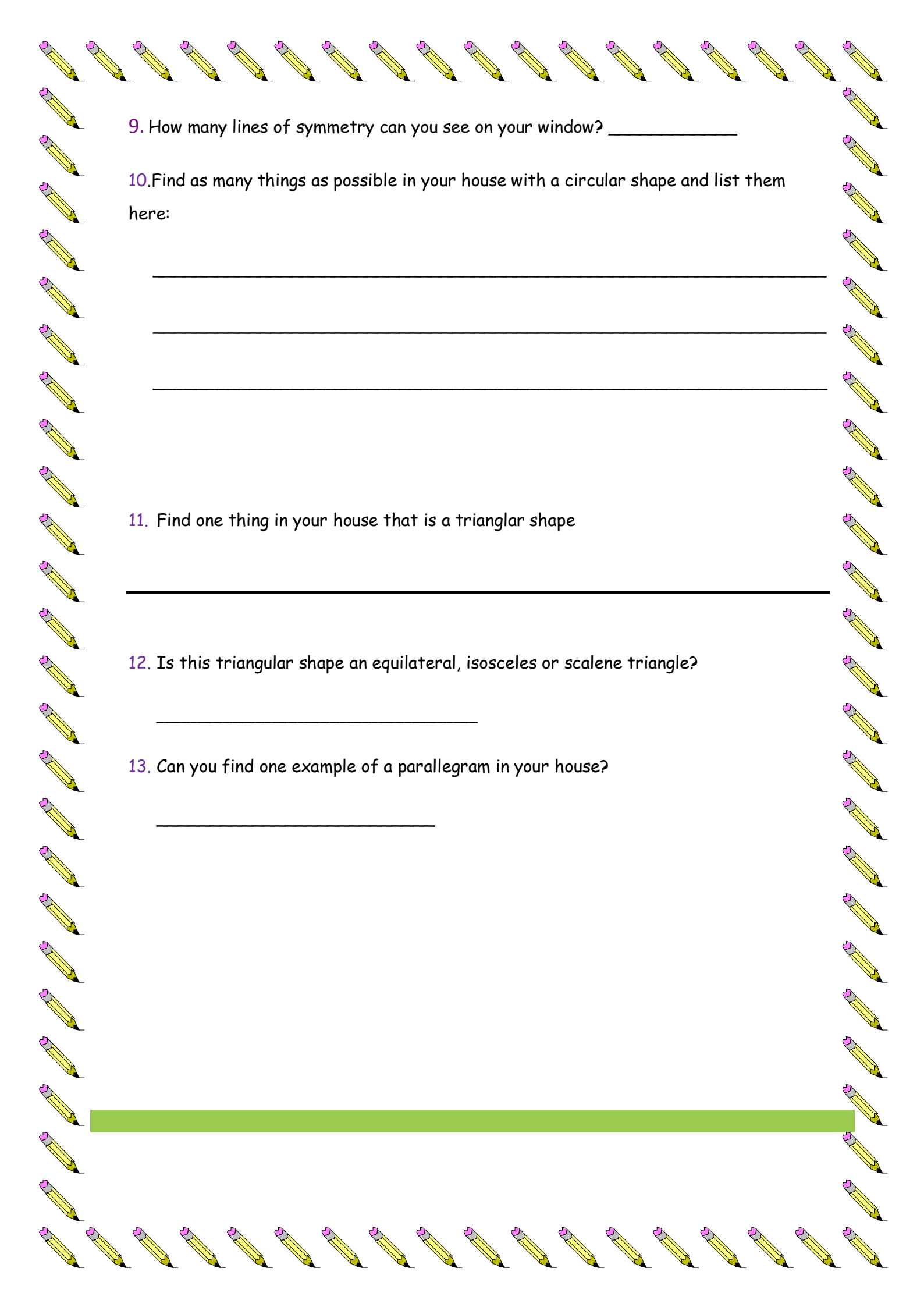
7. Does it have a line or lines of symmetry? _____

If yes, how many lines of symmetry are there? _____

8. Could your table tessellate with another 3 tables i.e. fit with 3 other desks without leaving a gap? _____

9. What shape is the window in your kitchen?





9. How many lines of symmetry can you see on your window? _____

10. Find as many things as possible in your house with a circular shape and list them here:

11. Find one thing in your house that is a triangular shape

12. Is this triangular shape an equilateral, isosceles or scalene triangle?

13. Can you find one example of a parallelogram in your house?



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3-D Shapes at home

1. List two cylinders in your house.

2. List three cubes in your house.

3. List any food items in your cupboard that are the following
3-D shapes.

Cylinder: _____

Cuboid: _____

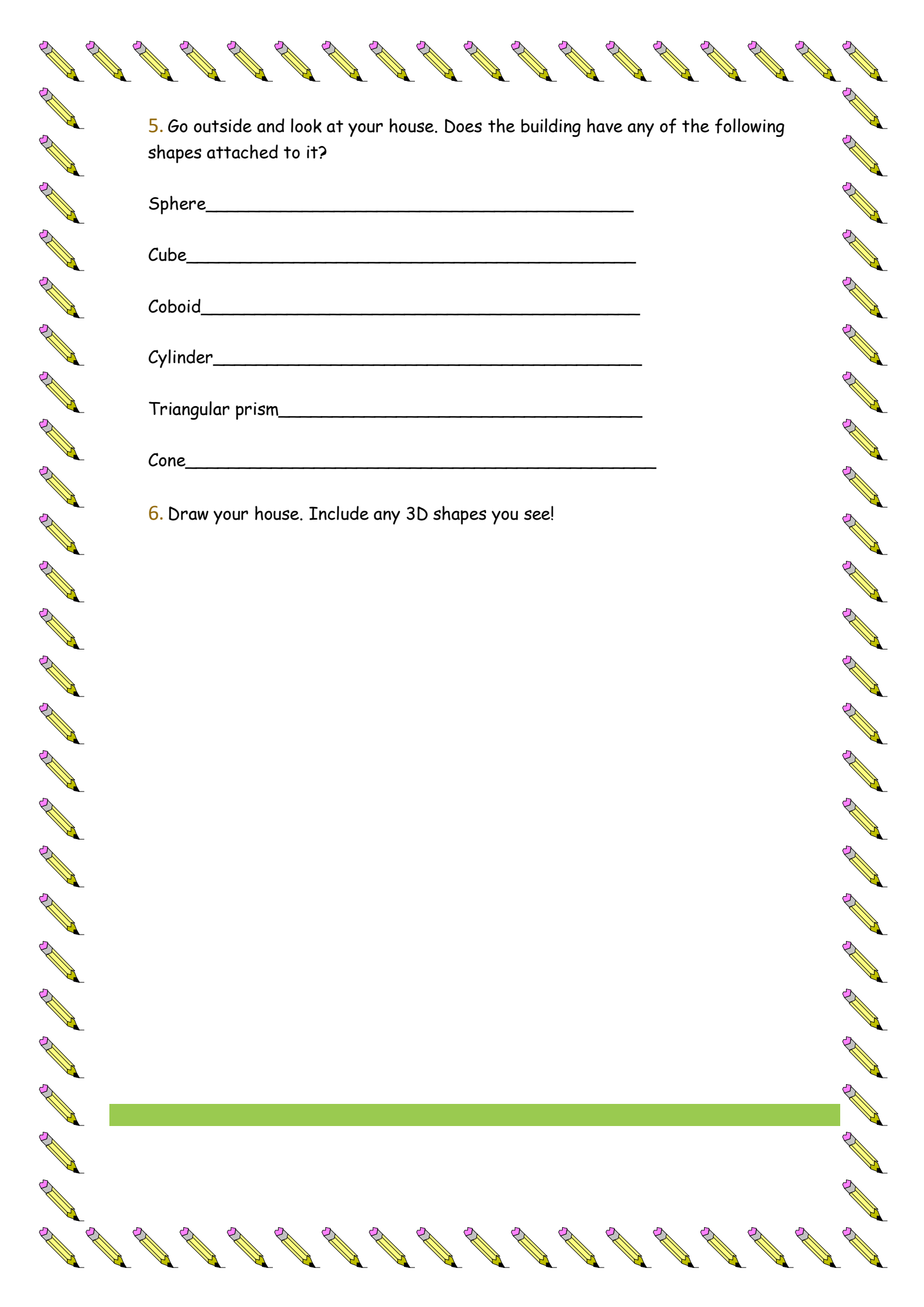
Sphere: _____

4. Are there any other 3-D shapes in the food PE cupboards or fridge?

(Cube, cuboid, cylinder, cone, sphere, triangular prism or pyramid)

Draw some of them.





5. Go outside and look at your house. Does the building have any of the following shapes attached to it?

Sphere_____

Cube_____

Coboid_____

Cylinder_____

Triangular prism_____

Cone_____

6. Draw your house. Include any 3D shapes you see!

