1.

A	B	C	D	E	F	G	H	I	J
✓			✓	✓		✓		✓	

2. They have not got it right. The largest angle is number 3, then 1, then 2, then 4. They should either move the angles around or decrease the size of number 3 to between 2 and 4 then they would be correct. The people before have ordered in terms of the length of the sides instead of the size of the angle.

3.
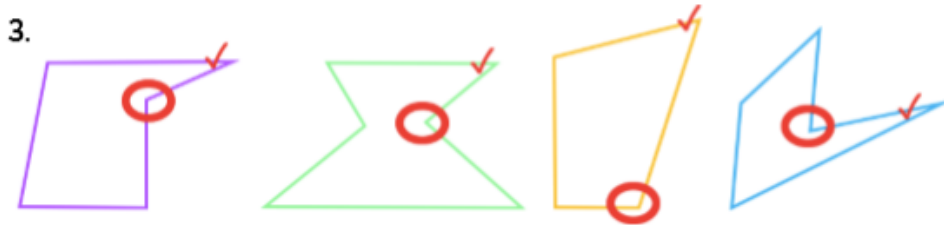
4. 9 more triangles will fit on the the fabric, 5 in the position of the example and 4 in the spaces between those (plus 2 right angled triangles).

5. No he hasn't the spaces between the equilateral triangles will also be equilateral triangles so should be blue. The two at the edges will be right angled triangles, so the red triangle is correct.

6. The first is a rhombus, the second a parallelogram and the third is a rectangle.

7.

	Mirror Shape Name	Number of pairs of parallel Sides	Number of internal angles	Type of angles: acute or obtuse?
A	Pentagon	0	5	all obtuse
B	Hexagon	3	6	all obtuse

8.
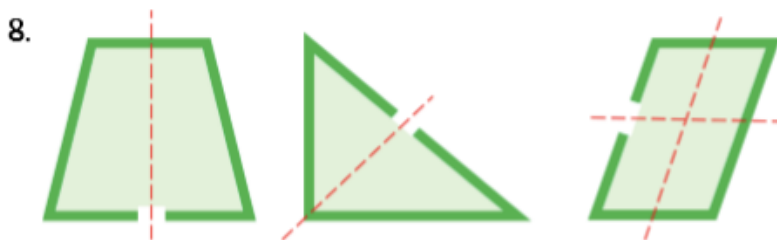
Children may mark either of the lines of symmetry on the parallelogram.

9. The shape has no lines of symmetry, the angles and lengths of the sides make it an irregular non symmetrical shape.

10. *Children may design any shape they choose so long as it is symmetrical at the point of the dotted line and includes the given hedges.*