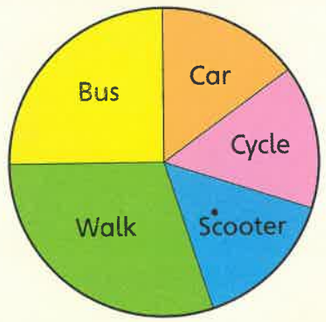
This pie chart shows how 60 children from Hillside School get to school.



Answer these questions and compare the pie charts.

1. This table shows how 50 children from Lakeside School get to school. Draw a pie chart to show this data and complete the table.

	Number of chn	% of total chn
Bus	7	
Walk	3	
Cycle	12	
Scooter	2	
Car	26	

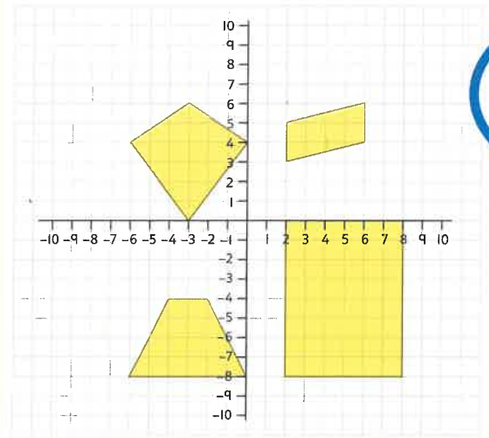
2. How many more children walk to Hillside School than get the bus?
3. How many more children ride their scooter to Hillside School than ride to Lakeside School?
4. How many more children walk to Hillside School than walk to Lakeside School?
5. How many more children cycle to Lakeside School than cycle to Hillside School?
6. How many more children come by car to Lakeside School than come by car to Hillside School?

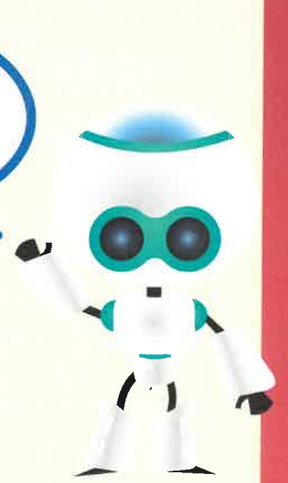
I am confident with creating and interpreting pie charts.

Reading coordinates and translating shapes

GRAB! Blank graph paper

Look at the grid below and follow the instructions.





1. Look at the polygons above. Write the coordinates of each.
2. Each polygon is moved two squares to the left. Write the new coordinates of each.
3. After moving to the left, each polygon is now moved two squares up. Write the new coordinates of each.

Decide if these statements are true or false.

4. A square has three corners with coordinates (2, 2), (2, 6), (6, 6). The fourth corner must be (6, 2).
5. The vertices of a triangle are (1, 4), (4, 4) and (6, 4).
6. In a rectangle, two of the vertices must have the same x-coordinate, and two of the vertices must have the same y-coordinate.
7. A parallelogram with vertices (–2, –2), (–3, –5), (–7, –2) and (–8, –5) is moved two squares up the grid. The coordinates of two vertices now have 0 as their x-coordinate.

I am confident with reading coordinates and translating shapes.