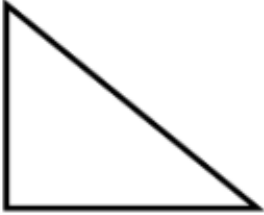


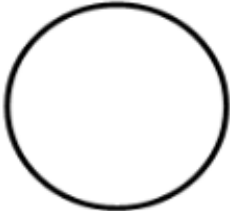
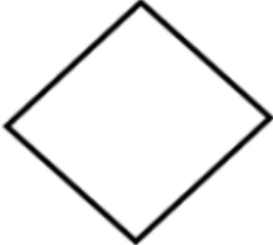


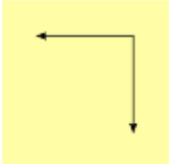


Part A: How many pairs of parallel and perpendicular lines do these shapes have?

	Parallel = Perpendicular =		Parallel = Perpendicular =
	Parallel = Perpendicular =		Parallel = Perpendicular =
	Parallel = Perpendicular =		Parallel = Perpendicular =

Challenge: where can you find parallel and perpendicular lines

1. Match the lines with the definition

Parallel		A pair of lines which meet at a right angle
Perpendicular		A pair of lines which stay the same distance apart

2. Can the same pair of lines ever be parallel and perpendicular?