MARKS DO NOT WRITE IN THIS MARGIN

Some species of bee live in large colonies. However, some species are solitary and live alone. Females of these solitary species lay eggs in holes in the ground. They collect pollen and put it in the holes as food for their larvae, which hatch from the eggs.

As the solitary bee does not guard her eggs, a species of fly can lay eggs in the same hole and the fly offspring eat the pollen intended for the bee larvae.

a)	The fly offspring are parasites. Justify this statement.
	Justiny and Statement.
	These flies rarely lay eggs in the hives of social bees that live in colonies with many members.
	Suggest why it would be difficult for the fly to lay eggs in a social beehive.
:)	In social bees, most members of the colony are sterile and cooperate to raise the young.
	Describe how this behaviour benefits the sterile bees.