

I. Tick (✓) the correct box beside each sentence.

	True	False
Leaves are the reproductive parts of flowering plants.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
The anther contains pollen grains.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The transfer of pollen grains from the anther to the stigma is known as fertilisation.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
The ovary develops into a fruit after fertilisation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Seeds are dispersed only by animals.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Seeds need light to germinate.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Draw lines to match the parts of flowers to their functions.

part		function
anther		attract insects for pollination
ovary		the part where pollen lands
petals		contains pollen grains
stigma		contains ovules that may develop into seeds

3. This plant has brightly coloured flowers that are useful for a process.



Which process is it?

Tick (✓) the correct answer.

germination

☐

pollination

☒

seed dispersal

☐

4. Reza and Vinit placed some bean seeds in identical pots of soil and gave them an equal amount of water. Reza kept his pot in the refrigerator. Vinit kept his pot at the window sill. The pictures below show what they observed a few days later.



Reza's pot



Vinit's pot

Give **one** reason why the seeds in Reza's pot did not germinate.

Seeds need warmth to germinate.

