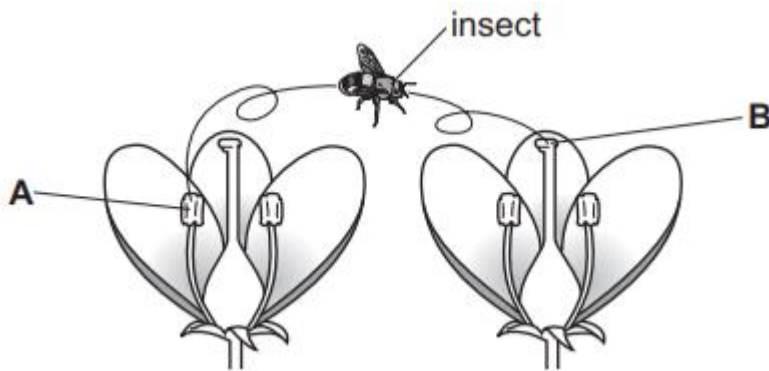


## Formative Assessment 2

Q1. Look at the following diagram, then answer the questions that follow.



a. Name the process that is taking place in this diagram. \_\_\_\_\_

b. What do bees transfer? \_\_\_\_\_

c. What things attract insects to flowers?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

Q2. There are different stages in the plant's life cycle.

Put the stages in order.

seed dispersal

pollination

seed production

	<b>fertilization</b>		
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Q3. Tick the correct answer.

a. Which sentence best describes what happens during fertilisation?

	The ovary swells.
	The petals open.
	The pollen lands on the stigma.
	The egg and the pollen join.

b. One of the following parts will swell and become a fruit.

	petals
	anther
	ovule
	ovary

a. Seeds need to be scattered away from the parent plant.

This is known as\_\_\_\_\_.

	pollination
	seed dispersal
	seed production
	fertilisation

Q4. Explain why seed dispersal is important for plants.

Write one reason.

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Q5. Circle the correct answer.

During \_\_\_\_\_ the egg and the pollen grain join together.

pollination

seed production

fertilisation

During seed production, the \_\_\_\_\_ swells and becomes the fruit.

anther

stigma

ovule

ovary

The scattering of seeds away from the parent plant is known as \_\_\_\_\_.

seed production

seed dispersal

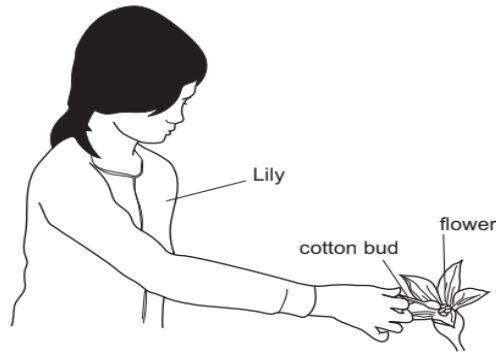
fertilisation

Q6. How are these seeds dispersed?

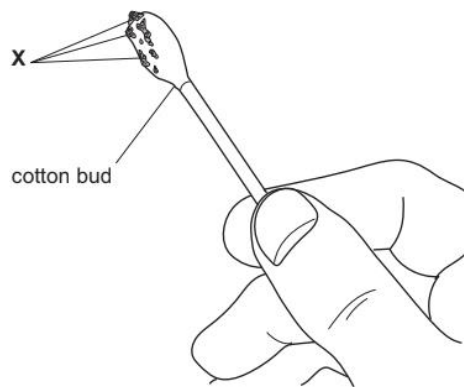
Coconut : \_\_\_\_\_

Apple seeds: \_\_\_\_\_

Q7. Lily pollinates a flower using a cotton bud.



Lily draws a picture of the cotton bud.



X are made by the male organ of a flower.  
Write down the name of X.

---

Lily uses X to pollinate the flower.  
What part of the flower is pollinated?  
Circle the correct answer.

anther      ovum      petal      stamen      stigma

Lily uses a cotton bud to pollinate a flower.  
Write down the name of one animal that pollinates a flower.

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d. Write three things in the flower that attracts insects.

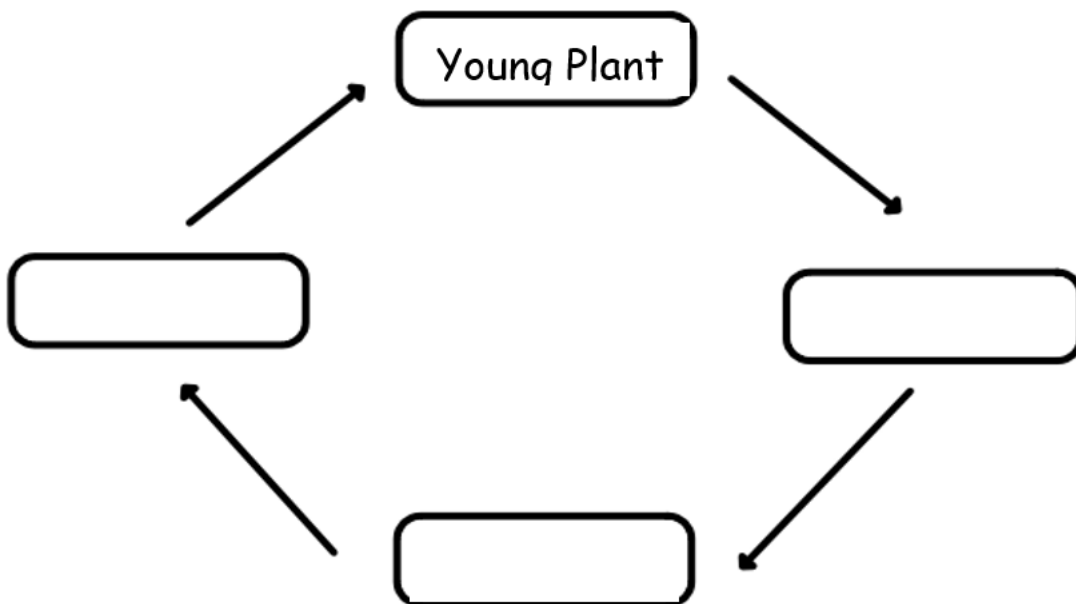
1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

Q8. Complete the diagram to show the life cycle of a flowering plant.  
Use the following words.

adult plant      seedling      seed



Q9. Write one reason why seed dispersal is important to plants.

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### Formative Assessment 3

Q1. The steps below show how a seed germinates.

Write the numbers 1, 2, 3, 4 and 5 to put the steps in order.

number	steps
	Stem starts growing upwards.
	Seeds absorb water.
	First leaf appears.
	First root germinates.
	Leaves start to make their own food.

Q2. Write down the factors that affect seed germination.

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Q3. In the life cycle of flowering plants, there are 5 stages:

**pollination, seed dispersal and seed production**

What are the two other stages?

\_\_\_\_\_ and \_\_\_\_\_



