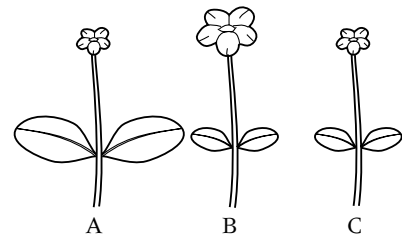


Sexual reproduction allows features from two plants to be mixed together. The new plant is a new **variety**. Think about red and green apples. They are all apples and so are the same **species**. The different apples are different **varieties**.

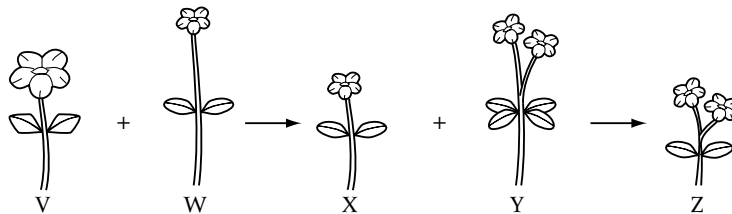
?

1 Look at the plants below.

- Which feature of plant C comes from plant A?
- Which feature of plant C comes from plant B?

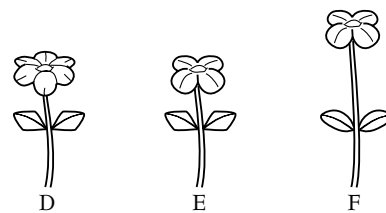


2 Look at these plants.



- Which feature of plant X comes from plant V?
- Which feature of plant W is found in plant Z?
- What are the differences between plants X and Y?
- Which features of plant Z come from plant X?
- Which feature of plant Z comes from plant Y?

3 Suppose you are a plant breeder. Which of these plants would you use to try to make plants with the following features?



- A plant that was tall, with round leaves and flowers with 6 petals.
- A plant that was short, with round leaves and flowers with 4 petals.
- In fact, getting the variety of plant you want is not quite that simple! The features of the parent plants may or may not end up in the new plant. Make a table to show eight different mixtures of features you might get in a new plant produced from plants D and F.

S knowledge, observation