

# Topic 1 Plant parts: roots and stems

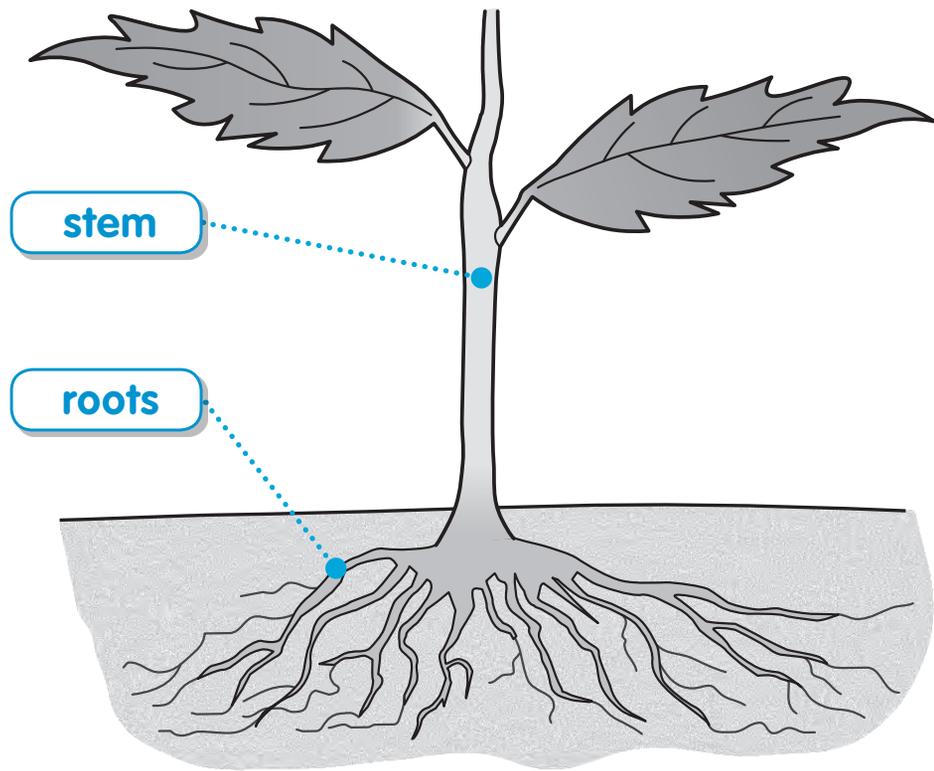
1 Draw lines to match the labelled parts of the plant to the job they do.

supports branches  
and leaves

take water  
from the soil

carries water to  
leaves and flowers

anchor the  
plant



2 True ✓ or false ✗?

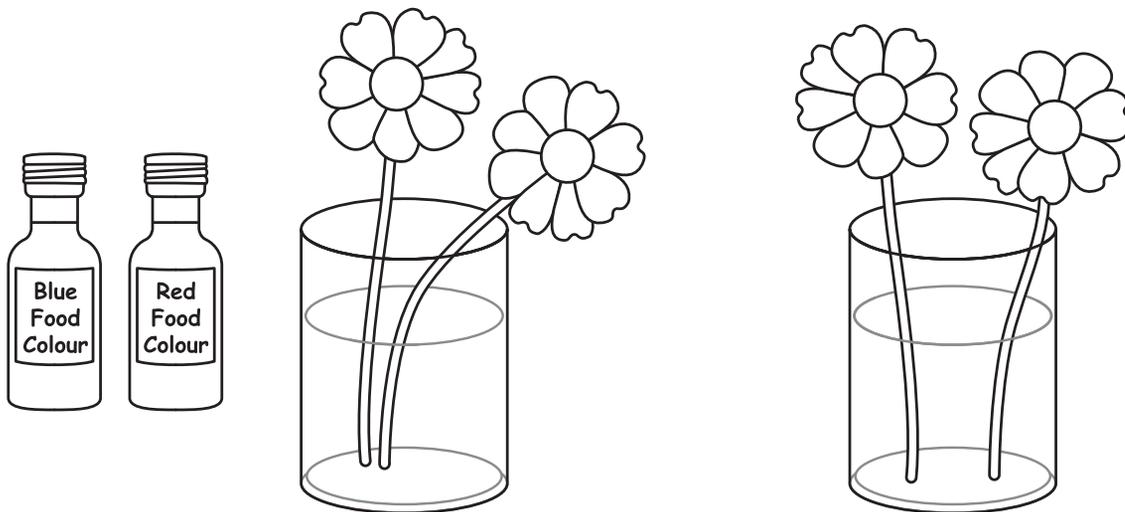
a Leaves anchor a plant in the soil.

b The stem supports branches and leaves.

c Roots take blood from the soil.

d The stem carries water to leaves and flowers.

**3** Draw what will happen to the flowers if they are put in coloured water.  
Add some arrows to show how water moves through the stems.

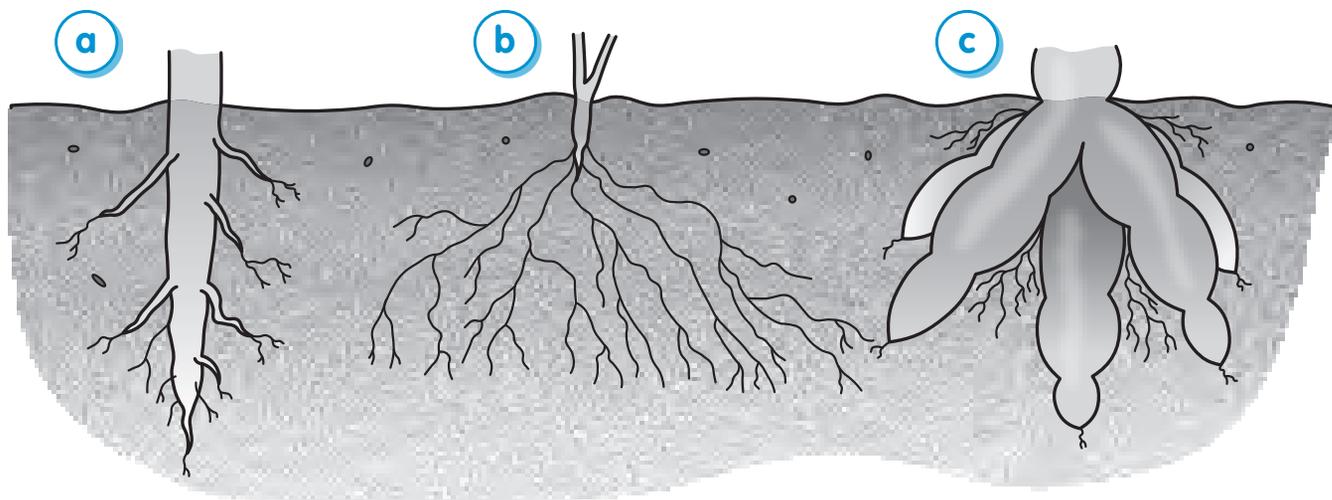


**4** Rearrange the letters to find three types of root.

u s b f i r o  
\_\_\_\_\_ roots

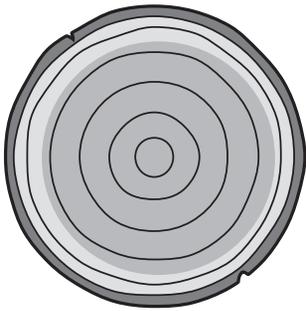
s r a t o g e  
\_\_\_\_\_ roots

p t a  
\_\_\_ roots

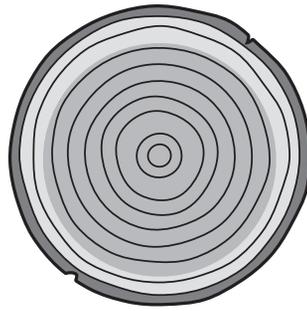


Draw lines to match each root type to the right picture.

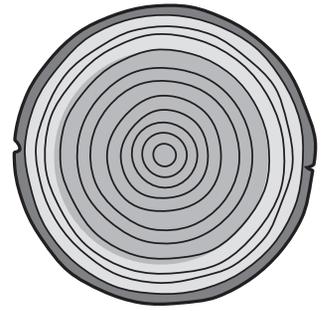
**5 How old are these trees?**



\_\_\_\_\_ years



\_\_\_\_\_ years



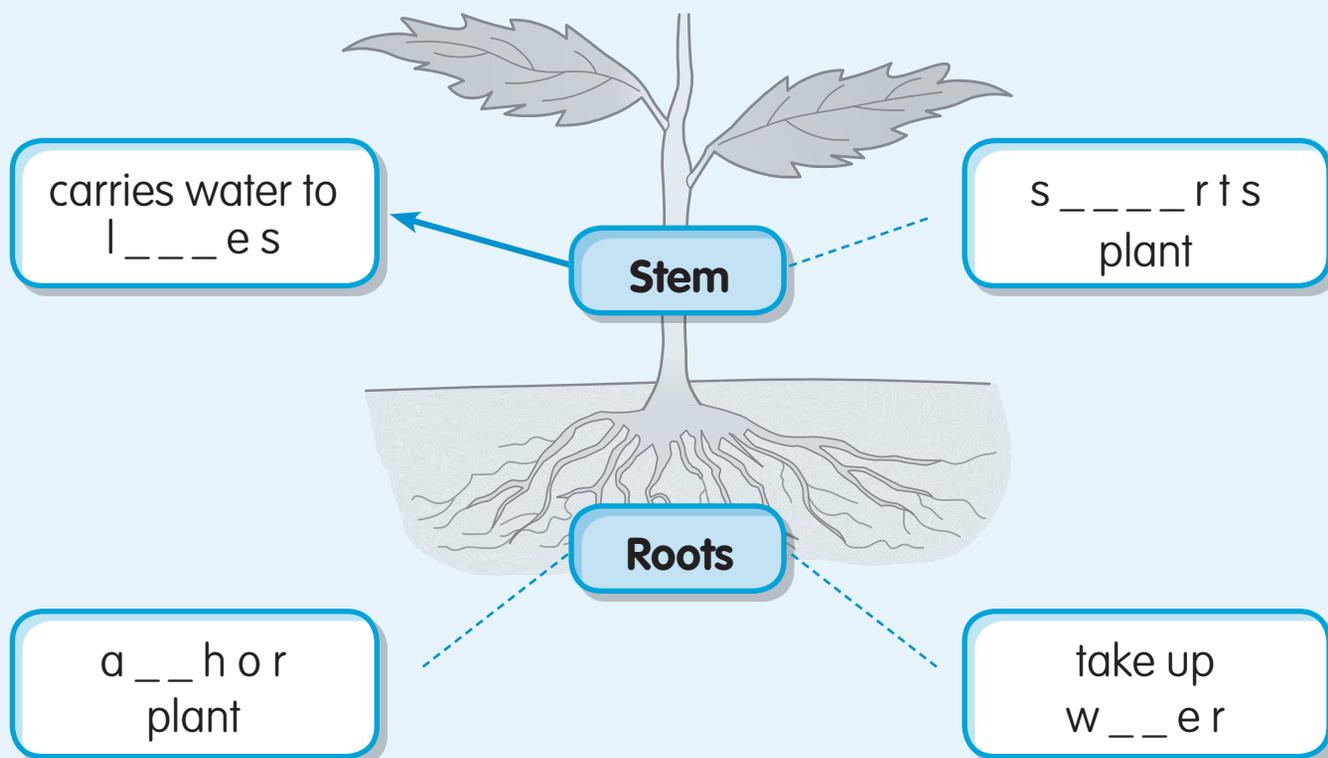
\_\_\_\_\_ years

**6 Choose the correct word from the brackets to complete each sentence.**

- a A plant's roots anchor it in the \_\_\_\_\_. *flower / soil / branch*
- b The stem grows up from the \_\_\_\_\_. *flower / leaf / ground*
- c Water travels through leaves inside \_\_\_\_\_. *veins / air / flowers*
- d A plant's stem supports the branches and \_\_\_\_\_.  
*water / leaves / soil*



- 7** A plant's stem and roots have different jobs to do.  
Complete the words in the boxes.  
Finish the arrows to complete the chart.



**8** Which plant part am I?

I anchor the plant in the wind.  
I take water from the soil.  
You eat me as a carrot or a yam.  
I am a plant's \_\_\_\_\_.

I support the plant's branches and leaves.  
I carry water from the roots to the leaves and flowers.  
You eat me as celery or asparagus.  
I am a plant's \_\_\_\_\_.