

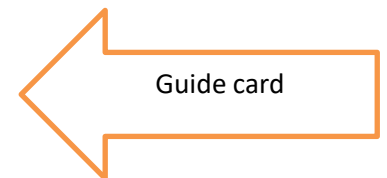


## Topshiriqlar:

1. Complete tasks. Use guide cards.

**Definiton cards**

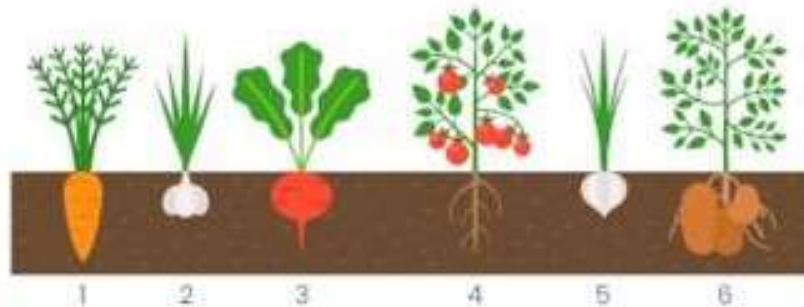
 <p style="text-align: center;"><b>taproot</b></p>	<p style="text-align: center;">The root system is a single, large main root that grows straight down from the stem of a plant.</p>
 <p style="text-align: center;"><b>fibrous root</b></p>	<p style="text-align: center;">The root system grows from the stem as thin roots branching out without any main root.</p>



## Roots

Roots are a very important part of the plant. They anchor the plant to the ground. They also soak up water and minerals from the soil which then travel up the stem to the leaves. Some plants have roots that we can eat like carrots, radishes, and parsnips. Roots come in different sizes according to the size of the plant and location. A seedling has a very small root. A large plant has large roots.

Look at the root vegetables below:



Can you name each of the root vegetables?

1 = \_\_\_\_\_

2 = \_\_\_\_\_

3 = \_\_\_\_\_

4 = \_\_\_\_\_

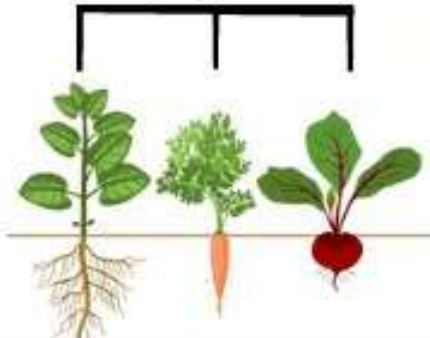

5 = \_\_\_\_\_

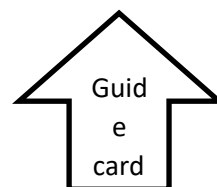
6 = \_\_\_\_\_

Fill in the missing words below from the word list:

1. Roots are usually hidden \_\_\_\_\_.
2. The roots \_\_\_\_\_ the plant to the ground.
3. They take up water and \_\_\_\_\_ from the soil.
4. A seedling has a very \_\_\_\_\_ root.

Word list
anchor
nutrients
underground
small

Taproot	Fibrous Root
<p>The main root that grows from the bottom of the plant's stem is called a tap root. It goes deep into the ground and from this main root, many smaller roots grow sideways.</p>	<p>Plants that have a bunch of roots of almost the same size growing from the base of their stem are called fibrous root plants. Unlike tap roots, fibrous roots don't have a single main root.</p>
<p>Examples of plants with tap roots are peas, turnips, sunflowers, dandelions, mustard and carrots.</p>	<p>Examples of plants with fibrous roots include grass, sugarcane, onions, orchid, rice and wheat.</p>
<p style="text-align: center;"><b>Taproot</b></p>  <p>The diagram shows three plants with taproot systems: a pea plant with a long, thin taproot, a carrot with a thick, orange taproot, and a radish with a round, red taproot. A bracket above the plants is labeled 'Taproot'.</p>	<p style="text-align: center;"><b>Fibrous root</b></p>  <p>The diagram shows a plant with a fibrous root system, where many roots of similar size grow from the base of the stem. A bracket above the roots is labeled 'Fibrous root'.</p>



## ROOTS AND STEM

1. Choose True or False

- |   |      |       |
|---|------|-------|
| 1. Roots bring water to the plant         | True | False |
| 2. The root holds the plant               | True | False |
| 3. The stem connects the root to the leaf | True | False |
| 4. The stem is under the ground           | True | False |
| 5. Taproot has many small roots           | True | False |
| 6. Fibrous root forms a long large root   | True | False |

2. Look at the picture and choose TAPROOT or FIBROUS ROOT

	TAPROOT	FIBROUS ROOT
