

Name: \_\_\_\_\_

Class: \_\_\_\_\_

## MIDTERM REVISION 1

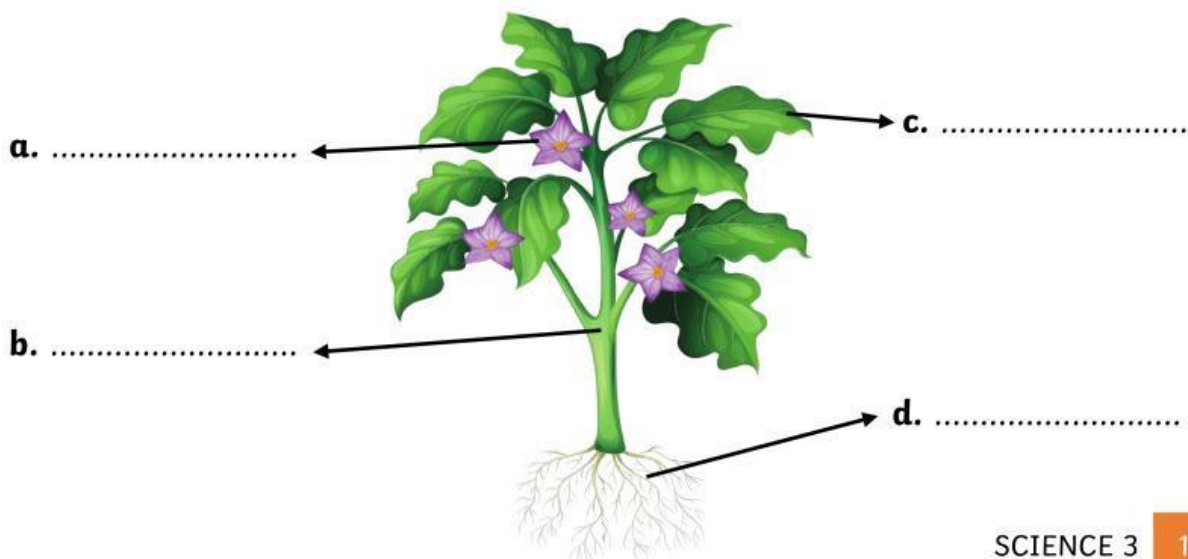
### A. Language check

1. Find the words. Words are →, ↓, or ↘.

dark	carbon dioxide	light
oxygen	photosynthesis	reflection
shadow		

k	i	e	r	y	o	c	c	j	r	s	h	m	z	k	k	t	d
o	i	b	p	h	o	t	o	s	y	n	t	h	e	s	i	s	t
t	f	s	n	f	s	h	a	d	o	w	c	t	g	y	t	g	q
z	c	u	y	e	m	d	i	r	l	s	d	d	k	x	l	k	b
t	a	k	r	s	t	r	o	f	i	l	j	w	a	v	u	c	h
o	b	q	q	c	a	r	b	o	n	d	i	o	x	i	d	e	g
j	q	k	c	g	y	o	x	y	g	e	n	g	w	g	b	r	y
u	p	r	w	v	q	w	u	n	q	c	h	c	h	n	d	v	t
j	c	c	d	m	f	p	t	b	g	x	y	z	i	t	a	q	e
o	f	r	f	f	l	u	b	o	s	m	l	k	a	v	r	m	r
y	s	i	f	c	n	m	s	x	u	t	h	y	r	m	k	j	c
r	e	f	l	e	c	t	i	o	n	h	s	l	y	w	l	z	r

2. Label parts of a plant.



3. Choose the word that best describes the picture.



0. healthy / wilted



a. healthy / wilted



b. translucent / opaque



c. transparent / translucent



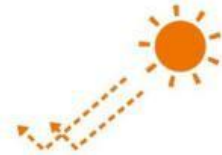
d. transparent / opaque



e. natural / human-made



f. natural / human-made



g. bounce off / block

## B. Content check

1. Fill in the gap with **ONE** word. There is **ONE EXTRA** word.

dark	light	photosynthesis	reflection
shadow	source	trunk	

a. We need ..... so we can see things.

b. Light bounces off some object. This is called .....

c. .... is formed when something blocks light.

d. When there is no light, we say it is .....

e. Leaves use sunlight to make food for the plant. This process is called .....

f. In trees, the woody stem is called a .....

**2. Circle the correct answer.**

**a.** Which is *a source of light*?

**A.**



**B.**



**C.**



**b.** Which source of light is *natural*?

**A.**



**B.**



**C.**



**c.** Which source of light is *human-made*?

**A.**



**B.**



**C.**



**d.** Which picture shows *a reflection*?

**A.**



**B.**



**C.**



**e.** Which object makes *the darkest shadow*?

**A.** an opaque object

**B.** a translucent object

**C.** a transparent object

**f.** Which shadow will be *the longest*?



**A**

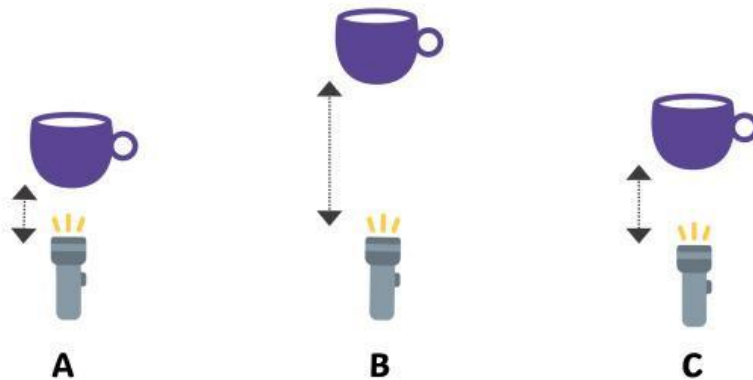


**B**



**C**

**g.** Which shadow will be *the smallest*?



**h.** In which place is it *difficult to see*?



**i.** What does this part of a plant do?

- A.** It makes food for the plant.
- B.** It moves food and water to other parts of the plant.
- C.** It takes in water and nutrients in the soil.



**j.** What does this part of a plant do?

- A.** It attracts insects.
- B.** It moves food and water to other parts of the plant.
- C.** Both are correct.



**k.** What does this part of a plant do?

- A.** It makes seeds.
- B.** It takes in water and nutrients from the soil.
- C.** Both are correct.





**l.** What do plants need for photosynthesis?

- A.** Water and light
- B.** Carbon dioxide in the air
- C.** Both are correct.

**m.** Sophie grows a plant. She records the height of the plant in 5 days.

Predict the height of the plant on Day 5.

Day 1	Day 2	Day 3	Day 4	Day 5
10cm	10cm	10cm	10cm	?

- A.** 9cm
- B.** 10cm
- C.** 12cm

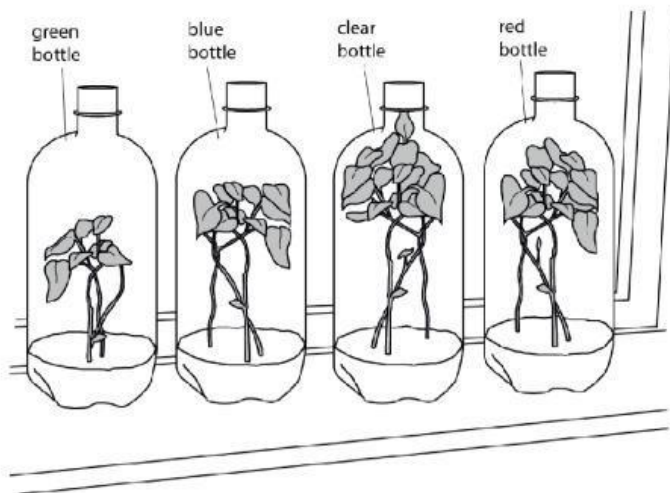
**n.** Which statement is TRUE about the plant in **question m**?

- A.** The plant is growing well.
- B.** The plant gets enough water and light.
- C.** The plant does not get enough water and light.

**3. Read the sentences. Tick (✓) True or False.**

	True	False
<b>a.</b> A healthy plant has wilted stems and yellow leaves.	<input type="checkbox"/>	<input type="checkbox"/>
<b>b.</b> During photosynthesis, plants release oxygen.	<input type="checkbox"/>	<input type="checkbox"/>
<b>c.</b> In dim light, our pupils get smaller.	<input type="checkbox"/>	<input type="checkbox"/>
<b>d.</b> The moon is not a source of light.	<input type="checkbox"/>	<input type="checkbox"/>
<b>e.</b> A shadow has the same shape as the object.	<input type="checkbox"/>	<input type="checkbox"/>

**4. Hassan and Jamila grow plants in different colour bottles.**



**a. Use the picture to tell which coloured bottle is best for plants to grow.**

**Choose words from the list to complete the sentences.**

biggest	blue	green	weak
wilted	smallest	red	clear

“Plants grow best in the ..... bottle.

This is because the plant in this bottle is the.....”

**b. What does light give to the plants to help them grow? Circle.**

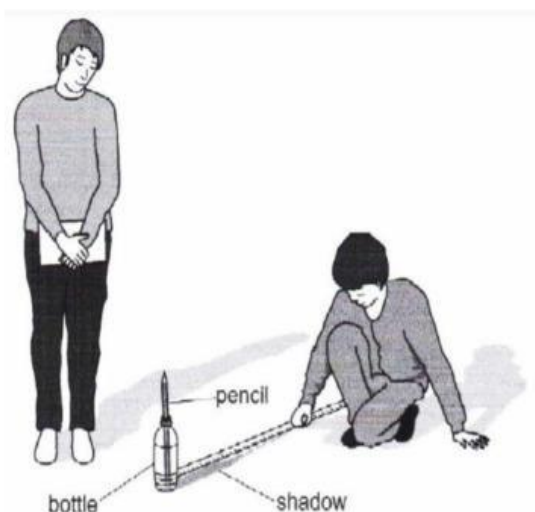
colour      energy      food      oxygen

**5. Hassan and Chen investigate shadows.**

**They put a pencil in a bottle outside in the sunshine.**

**The pencil in the bottle forms a shadow.**

**They record the length of the shadow every hour.**



Here are the results.

Time of the day	Length of shadow (cm)
9.00	21
10.00	11
11.00	1
12.00	10
13.00	21
14.00	32
15.00	53

a. At which time of the day is the shadow the longest?

.....

b. Hassan writes an explanation of their results. Circle the correct word to complete his explanation.

position

size

shape

"The length of the shadow changes during the day because the ..... of the Sun changes."