Name: Date: Score: / 8

Environment and Traits: Learn and Practice

How surroundings can shape living things

Read each question. Circle the best answer.

💡 Environment and Traits

- Some traits are also shaped by where a living thing lives.
- A plant with little light may grow tall, thin and pale.
- An animal with too little food may grow smaller.
- same seeds, one in sun, one in shade: the shaded one grows pale and thin

1 🌳 A tree growing alone in a sunny field often grows...

A. Very pale B. Underground C. With no leaves
D. Wide with many branches

2 A plant kept in a dark cupboard often grows...

A. Into a tree B. Purple flowers C. Pale and thin
D. Bright green and bushy

3 Which trait comes from the environment, not from parents?

A. Number of fingers B. A suntan
C. Natural hair color D. Eye color

4 Seeds from one plant are grown, but one plant gets little water and wilts. What caused the difference?

A. Their names B. Their seeds C. Their parents
D. The environment

5 💧 Which can change how tall a plant grows?

A. The day of the week B. The label on its pot
C. How much water it gets D. Its name

6 Some hydrangea flowers can change from pink to blue. What causes it?

A. The wind B. Loud noises C. The time of day
D. The kind of soil

7 🦩 Flamingos are pink mostly because of...

A. The food they eat B. Paint
C. Only their parents D. Sunburn

8 🐕 A dog that eats too much and rarely exercises may become...

A. A different color B. Taller than its parents
C. Younger D. Heavier

✏️ Explain it! Write two facts you learned about environment and traits.

ANSWER KEY

Environment and Traits: Learn and Practice (answers)

How surroundings can shape living things

Read each question. Circle the best answer.

1 🌳 A tree growing alone in a sunny field often grows...

A. Very pale B. Underground C. With no leaves

D. Wide with many branches

With sunlight on every side, the tree can spread out its branches in all directions.

2 A plant kept in a dark cupboard often grows...

A. Into a tree B. Purple flowers **C. Pale and thin**

D. Bright green and bushy

Without light, a plant cannot make its green color well, so it grows pale and stretches thin.

3 Which trait comes from the environment, not from parents?

A. Number of fingers **B. A suntan**

C. Natural hair color D. Eye color

Skin gets darker from time in the sun. That comes from the environment, not from parents.

4 Seeds from one plant are grown, but one plant gets little water and wilts. What caused the difference?

A. Their names B. Their seeds C. Their parents

D. The environment

The seeds came from the same parent. The only difference was water, which is part of the environment.

5 💧 Which can change how tall a plant grows?

A. The day of the week B. The label on its pot

C. How much water it gets D. Its name

Water is part of a plant environment. Too little water can keep a plant small.

6 Some hydrangea flowers can change from pink to blue. What causes it?

A. The wind B. Loud noises C. The time of day

D. The kind of soil

The soil around the roots can change the color of hydrangea flowers. Surprising, right?

7 🦩 Flamingos are pink mostly because of...

A. The food they eat B. Paint

C. Only their parents D. Sunburn

Flamingos eat tiny shrimp and algae with pink coloring. Without that food, they turn pale.

8 🐕 A dog that eats too much and rarely exercises may become...

A. A different color B. Taller than its parents

C. Younger **D. Heavier**

Food and exercise are part of its environment. They can change a dog's body weight.