

Name: _____



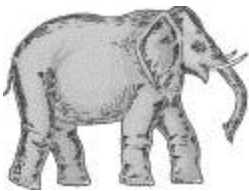

Date: _____

THIRD GRADE-SCIENCE (SCIENCE3_5)



1. Sally teaches her cat to do a trick. The cat then has four kittens. How many kittens are likely to be born knowing how to do the trick?

- A. 4
 - B. 2
 - C. 1
 - D. 0
-

2. Which animal would be LEAST LIKELY to form a fossil?

- A.  **fish**
 - B.  **jellyfish**
 - C.  **elephant**
 - D.  **bird**
-

3. Which animal lays eggs?

- A. 
- B. 



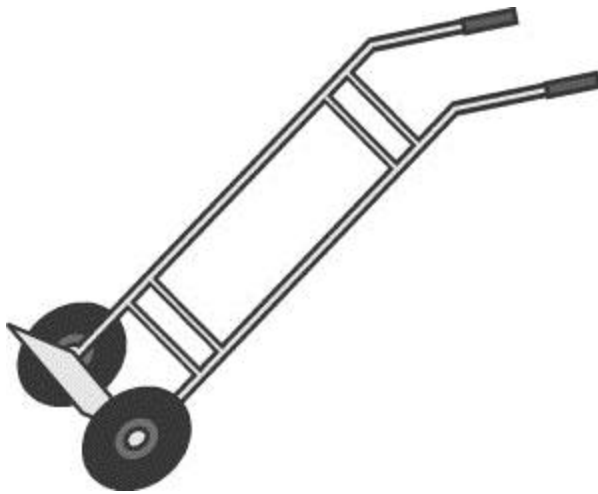
C.

D.



4.

Use the picture below to answer this question.



The hand truck shown in the picture is used in stores to move boxes. Which simple machines are part of a hand truck?

- A. pulley and lever
- B. lever and wheel and axle
- C. inclined plane and wheel
- D. pulley and inclined plane

5.

Use the table below to answer this question.

| | Yearly Rainfall | Number of Trees |
|--------|-----------------|-----------------|
| Area 1 | 25 cm | 30 |
| Area 2 | 75 cm | 120 |
| Area 3 | 100 cm | 160 |

Which BEST tells about the data in the table?

- A. Trees need less than 25 cm of rain a year.
- B. Trees do not grow well in high rainfall areas.
- C. More trees grow where more rain falls.
- D. The most trees grow where there is 75 cm of rain a year.

6. High temperatures inside Earth form

- A. melted rock.
- B. fossils.
- C. soil.
- D. minerals.

7.

Use the pictures of insects below to answer this question.



Which is the BEST way to describe these insects?

- A. All have four wings.
- B. All have six legs.
- C. All have long antennae.
- D. All have spots.

8. Which shows that a fish is taking in air?

- A. Its tail moves back and forth.
- B. It swims to the top of the water and back down.
- C. Its gill covering opens and shuts as it swims.
- D. It sucks sand in its mouth and spits it out.

9.

Use the picture below to answer this question.



John put a metal spoon into boiling water. Which picture shows how heat will travel through the spoon?



10. Granite is a kind of

- A. energy.
- B. fossil.
- C. rock.
- D. mineral.

11. Your bare foot burns when you step onto the hot pavement because the heat moves


- A. from the pavement to the air.
- B. from the pavement to your foot.
- C. from your foot to the pavement.
- D. from your foot to the air.

12. When one end of a steel rod is held in a flame, the other end also gets hot. This happens because steel

- A. makes its own heat.
- B. is a good conductor of heat.
- C. makes the flame hotter.
- D. keeps cold away from the flame.

13.

Use the grid below to answer this question.

| | 1 | 2 | 3 | 4 |
|---|---|---|--|---|
| W | | | | |
| X | | |  | |
| Y | | | | |
| Z | | | | |

The flower on the grid is at

- A. X3.
- B. X1.
- C. W4.
- D. Y3.

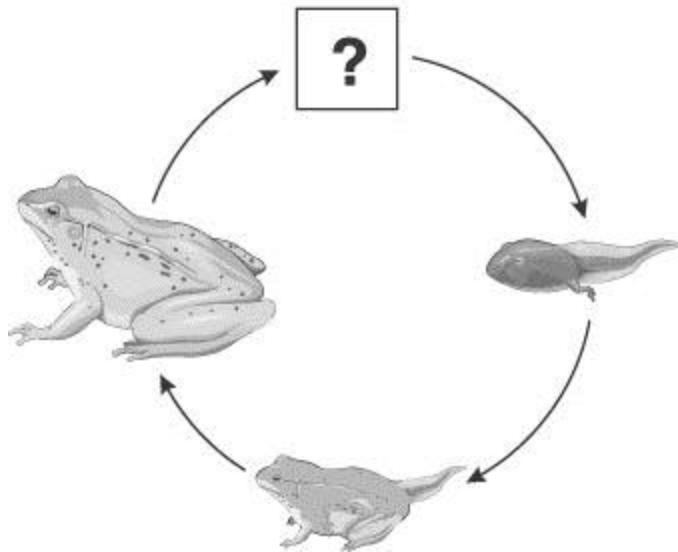
14. Which tool can be used to see objects far away?

- A. a thermometer
- B. a battery
- C. a telescope
- D. a ruler

15.

Use the picture below to answer this question.

Frog Life Cycle



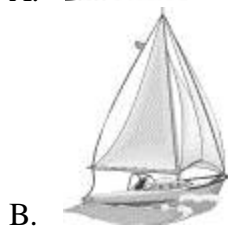
Which is missing in the frog life cycle?

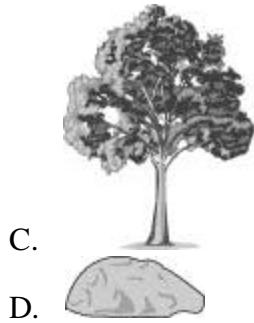
- A. pupa
- B. egg
- C. larva
- D. adult

16. Some rocks form when

- A. snow covers a mountain.
- B. fertilizer is added to soil.
- C. rocks melt underground and flow to the surface.
- D. large, colored crystals form inside minerals.

17. Which is a living thing?





18. Donna wants to make something that looks like a fossil. Which should she do?

- A. wrap a leaf around a rock and freeze it
- B. cover a seed with soil and water it
- C. push a shell into clay and pull it out
- D. mix sand with clay and let it dry

19. Water can exist in three forms—as liquid (water), solid (ice), and gas (water vapor). Which tells what happens to water as it changes form?

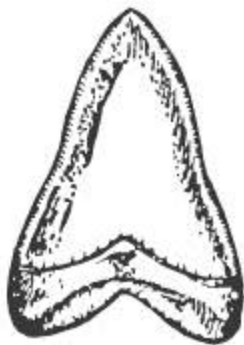
- A. Liquid water gains heat to form a solid (ice).
- B. Liquid water loses heat to form a solid (ice).
- C. Solid water (ice) loses heat to form gas (water vapor).
- D. Water vapor (gas) gains heat to form liquid water.

20. In what way are a chicken and a snake alike?

- A. They lay eggs.
- B. They are reptiles.
- C. They live underground.
- D. They scratch for food.

21.

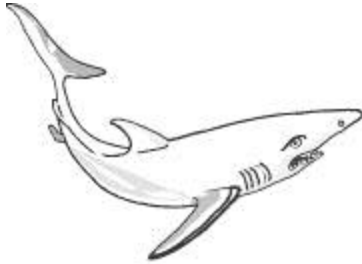
Use the picture below to answer this question.



The picture shows a fossil tooth. Which animal has teeth like the fossil?



A. **Fish**



B. **Shark**



C. **Frog**

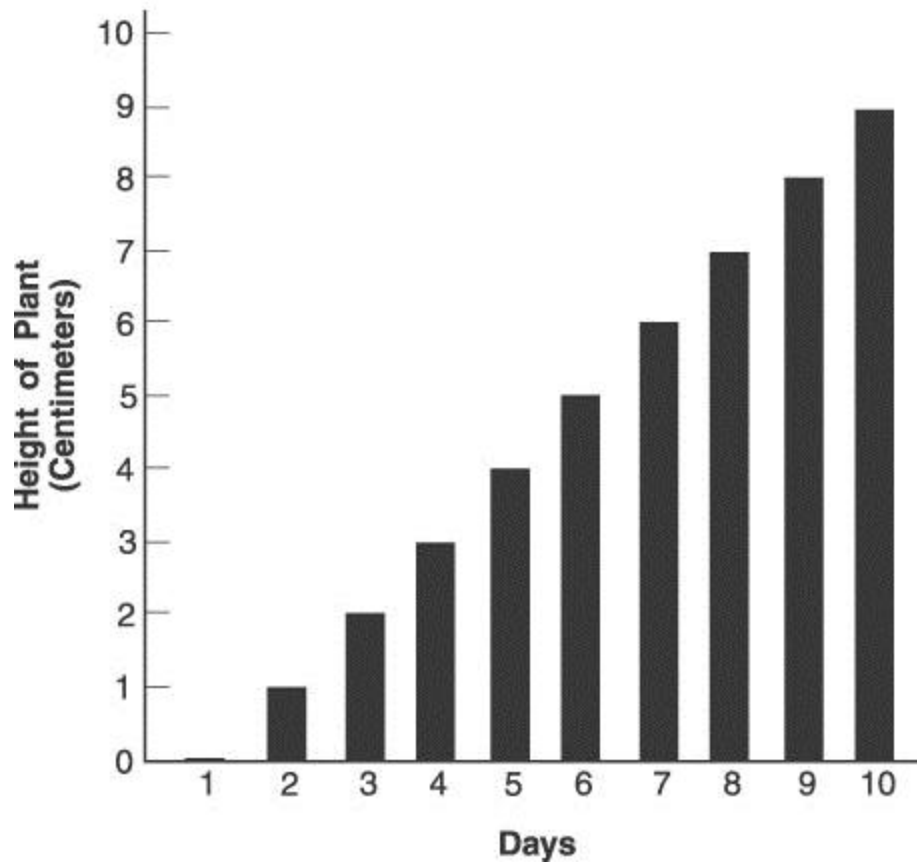


D. **Snail**

-
22. Which describes the size of a plant cell?
- A. much smaller than the head of a pin
 - B. about the size of the head of a pin
 - C. about the size of a pencil eraser
 - D. about the size of a dime
-

23.
Use the graph below to answer this question.

How Much Kate's Plant Grew



How tall was Kate's plant on Day 6?

- A. 4 centimeters
- B. 5 centimeters
- C. 6 centimeters
- D. 7 centimeters

24. Some modern houses have large windows that face toward the south. This helps heat the house by using

- A. electrical energy.
- B. geothermal energy.
- C. solar energy.
- D. nuclear energy.

25. We can use heat energy from



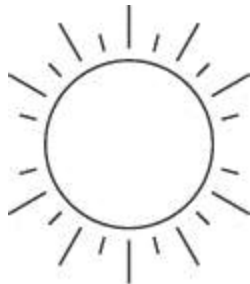
**a glass of
ice water.**

A.



**a flowering
plant.**

B.



the Sun.

C.



a rabbit.

D.

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THIRD GRADE-SCIENCE(SCIENCE3_5)

(Answer Key)

1. 0

2.



3.



4. lever and wheel and axle

5. More trees grow where more rain falls.

6. melted rock.

7. All have six legs.

8. Its gill covering opens and shuts as it swims.

9.



10. rock.

11. from the pavement to your foot.

12. is a good conductor of heat.

13. X3.

14. a telescope

15. egg

16. rocks melt underground and flow to the surface.

17.

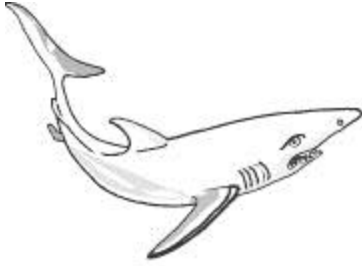


18. push a shell into clay and pull it out

19. Liquid water loses heat to form a solid (ice).

20. They lay eggs.

21.



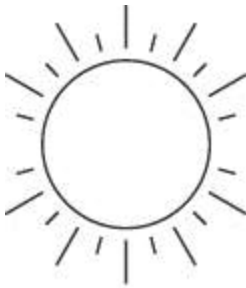
Shark

22. much smaller than the head of a pin

23. 5 centimeters

24. solar energy.

25.



the Sun.