

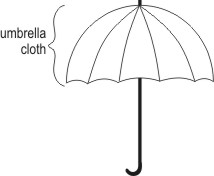
Asset Practice Answers: Science

**1. Which of the following covers most of the Earth's surface?**

**A.** sand **B. water C.** cities

**D.** mountains

**2. The upper part of an umbrella marked here, is made of a special type of cloth.**



**Which of the following BEST describes an umbrella cloth? A.** It must be very heavy.

**B.** It must not be white in colour.

**C.** It must be able to sink in water.

**D. It must not allow liquids to pass through.**

**3. What is the common use of the vehicle shown below?**



**A.** To catch dogs in the streets

**B.** To take sick people to hospital

**C. To carry letters and parcels**

**D.** To catch bad people and put them in jail

**4. Some animals give birth to young ones and DO NOT lay eggs. Such animals are called 'mammals'.**

**Which of the following is a 'mammal'?**

**A. Rabbit**

**B.** Lizard

**C.** Butterfly

**D.** Sparrow

**5. The symbol given below is printed on a packet of wafers.**



**What message does it give?**

**A. Do not make your surroundings dirty.**

**B.** Store in a cool, dry place.

**C.** Eat healthy, stay healthy.

**D.** Do not crush the packet.

**6. Rahim, Sharda, James and Shelly were discussing whether cake and juice are food items. Here is what they said:**

**Rahim: ''Only cake is a food item as it is solid.''**

**Sharda: ''Only juice is a food item because it is healthy.''**

**James: ''Both cake and juice is food items because they give us energy.''**

**Shelley: ''Cake is not a food item because it is not eaten at meals.'' Who is correct? A.** Rahim

**B.** Sharda **C. James** **D.** Shelley

**7. “I am a part of a living thing.”**

**“I can be of different colours and shapes.”**

**“I am eaten by other living things”.**

**Who am I?**

**A. leaf B.** beak **C.** nails **D.** chalk

**8. Which of these can you easily break with your hands?**

**A.** A tennis ball

**B. A matchstick C.** A metal spoon

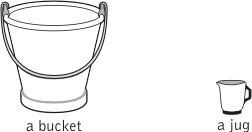
**D.** A plastic straw

**9. Which of these animals lay eggs?**

**A.** Dogs

**B. Lizards C.** Humans **D.** Monkeys

**10. A bucket can hold about 20 litres of water. A jug can hold LESS than 1 litre of water. How many jugs of water do you need to fill this bucket?**



**A.** Less than 10 jugs

**B.** 10 jugs

**C.** 20 jugs

**D. More than 20 jugs**

**11. Gold is expensive and so it should be measured very carefully. A little more or a little less weight can change its price. What kind of machine should be used to weigh gold?**

**A.** Weighing machines that weigh human beings.

**B.** Weighing machines that can measure very large weights.

**C. Weighing machines that can measure very small weights.**

**D.** Weighing machines that are commonly used in provision stores.

**12. Aarti urgently wants to contact her friend who lives in another city. Which is the quickest way for her to do it?**

**A. By telephone**

**B.** By parcel

**C.** By postcard

**D.** By television



**Science**

1. B: Ask your parents or teacher to show you a globe of the Earth. Notice how much part of the globe shows blue water and how much shows land of different countries. You will see that most of the Earth's surface is covered by water, not by land or sand. Hence, option B is the correct answer.

2. D: Imagine if your umbrella let water in through it - would it keep you dry? The cloth of an umbrella should not allow liquids to pass through it. It is not necessary for umbrella cloth to sink in water because that is not important for an umbrella to work, so option C is not the correct answer.

3. C: If you look carefully, you can see the word 'post' written on the truck below the design. This truck is usually used to carry letters and parcels that are posted by people. An ambulance is used to take sick people to the hospital and it will usually have a cross on it or the mirror image of the word 'AMBULANCE' written in large letters on it. Also, an ambulance usually has a siren and lights on it to alert people. This vehicle does not have any such lights. Hence, option C is the only correct answer.

4. A: Lizards, butterflies and sparrows lay eggs. They do not give birth to young ones. Hence, options B, C and D are incorrect. Only rabbits give birth to young ones and do not lay eggs. Thus, option A is the correct answer.

5. A: What does the symbol on the packet show? It shows a person throwing a piece of something into a net-like basket.

The basket is supposed to show a waste-paper basket. The symbol is asking you to throw your waste into a dust-bin. By

doing this, you can keep your surroundings clean and stop it from becoming dirty. 'Do NOT' signs usually show a cross or a line across the symbol to show that we are NOT supposed to do it. Hence, option D is not the correct answer.

6. C: Cake as well as juice give us energy when we eat them. Anything that gives us energy when we eat it can be called food. Food does NOT always need to be eaten at meals. When you eat a sweet or a lollipop, it is also food. (It's just not very healthy to keep eating sweets all the time!) Hence, option D is incorrect.

7. A: The thing being written about in the question is part of a living thing and is eaten by other living things. Chalk is a

non-living thing, so it is incorrect. Beaks and nails are not eaten by other living things. A beak is used TO EAT something,

it is not eaten by other living things. Hence, options B and C are incorrect. Leaves are parts of living things, are of different colours and shapes, and are eaten by other living things. Hence, option A is the correct answer.

8. B: Try doing this! You will find it very difficult to break a tennis ball, a metal spoon or even a plastic straw with your hands.

You can squeeze a tennis ball or bend a plastic straw easily. You may even bend a metal spoon if you push hard enough,

but you will not be able to break them easily. Now, try breaking a matchstick. It is quite easy to break. Hence, option B is the correct answer.

9. B: Dogs, humans and monkeys give birth to young ones. They do not lay eggs like snakes and birds. Lizards lay eggs.

Have you seen a lizard egg? It is as small as a grape, sometimes even smaller! Thus, option B is correct.

10. D: The bucket can hold 20 litres of water. If you have a jug that can hold 1 litre of water, you will need 20 jugs to fill the bucket. But since the jug given can hold less than 1 litre of water, you will need more than 20 jugs to fill the bucket. Check with your parents if you have a 20 litre bucket and a small jug. If you have you should try this at home.

11. C: Gold is expensive. If someone is buying gold, the weight he is buying should be checked carefully. Even if the weight

is slightly less or slightly more, the price can change. So the machine using which it is measured should be very accurate

and it should be able to measure very small weights too. The weighing machines used in provision stores are generally used to weigh heavier things and so should not be used to measure weight of gold.

12. A: Telephone is the fastest way to contact a person who is living in another city. Parcel and postcard will mostly take more than a day at least. Television is generally not used to contact people.