

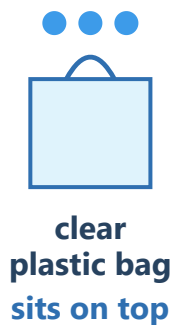
Year 1 Science: Waterproof and absorbent: choosing for a job: answers

Year 1 - Properties of Materials - Lesson 8.6

Answers. Final answers to the worksheet questions. Full step-by-step solutions for every question are free at websink.site/ks1/science/year-1/ch08-material-properties/waterproof-and-absorbent-choosing-for-a-job/

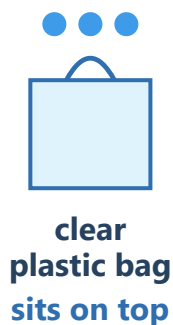
Exercise 8F Waterproof, absorbent and choosing a material

- 1** Look at the picture. Does the water sit on top of the clear plastic bag? Write Yes or No.



Answer: Yes

- 2** Look at the picture. Does the water soak into the paper towel? Write Yes or No.



Answer: Yes

- 3** Is a rubber boot waterproof? Write Yes or No.

Answer: Yes

- 4** Write Yes or No for each question.

(a) Is a clear plastic bag waterproof?

Answer: Yes

(b) Is a cotton cloth absorbent?

Answer: Yes

(c) Is a cardboard box waterproof?

Answer: No

(d) Is a rubber boot absorbent?

Answer: No

5 Which one is absorbent: a rubber boot or a cotton cloth?

Answer: cotton cloth

6 Sort these into two groups, waterproof and not waterproof: clear plastic bag, towel, rubber boot, cardboard box. Write the groups.

Answer: Waterproof: clear plastic bag, rubber boot. Not waterproof: towel, cardboard box.

7 Which one keeps water out: a cardboard box or a rubber boot?

Answer: rubber boot

8 Which is the best thing to mop up a spill: a rubber boot or a paper towel?

Answer: paper towel

9 Working scientifically. What do you think will happen when you put a drop of water on a plastic bag and on a paper towel? How could we find out?

Answer: The drop will sit on the plastic bag, and the paper towel will soak it up. Put a drop on each one and watch for one minute.

10 Samir says cardboard is waterproof because it is strong. Is he right? Explain how you know.

Answer: No. Water soaks into cardboard and it goes soft, so it is not waterproof.