

Year 1 Science: Rough and smooth: answers

Year 1 - Properties of Materials - Lesson 8.2

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/rough-and-smooth/

Exercise 8B Rough and smooth

1 Look at the picture. Is sandpaper rough or smooth?



sandpaper

Answer: rough

2 Is a plastic plate rough or smooth?

Answer: smooth

3 Is a brick rough or smooth?

Answer: rough

4 Write rough or smooth for each thing.

(a) metal spoon

Answer: smooth

(b) sandpaper

Answer: rough

(c) brick

Answer: rough

(d) plastic plate

Answer: smooth

5 Look at the picture. Which one is smooth: the metal spoon or the brick?



metal spoon



brick

Answer: metal spoon

6 Ruby says a metal spoon is rough. Is she right? Explain.

Answer: No. A metal spoon is smooth.

7 Sort these into rough and smooth: brick, plastic plate, sandpaper, metal spoon. Write the groups.

Answer: Rough: brick, sandpaper. Smooth: plastic plate, metal spoon.

8 Working scientifically. What do you think will happen when you feel sandpaper and a plastic plate with your eyes shut? How could we find out?

Answer: The sandpaper will feel rough and the plate will feel smooth. Feel each one with your eyes shut to check.

9 Mei rubs her hand on a piece of sandpaper. It feels scratchy. What word describes the sandpaper?

Answer: rough

10 Explain how you could tell a rough thing from a smooth thing without looking.

Answer: Feel it with your fingers. Rough things have bumps you can feel. Smooth things feel flat and even.