

Year 1 Science: Hard and soft: answers

Year 1 - Properties of Materials - Lesson 8.1

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/hard-and-soft/

Exercise 8A Hard and soft

1 Look at the picture. Is the cotton wool hard or soft?



cotton wool

Answer: soft

2 Is a sponge hard or soft?

Answer: soft

3 Is a wooden block hard or soft?

Answer: hard

4 Write hard or soft for each thing.

(a) cotton wool

Answer: soft

(b) metal spoon

Answer: hard

(c) sponge

Answer: soft

(d) stone

Answer: hard

5 Which one is softer: a stone or a cotton wool ball?

Answer: cotton wool

6 Tom presses a cushion and it squashes. Is the cushion hard or soft?

Answer: soft

7 A metal spoon is hard. If you press it, does it squash? Explain how you know.

Answer: No. It does not squash, so it is hard.

8 Working scientifically. What do you think will happen if you press a sponge and a stone? How could we find out?

Answer: The sponge will squash and the stone will not. Press each one gently with your thumb to find out.

9 Put these into two groups, hard and soft: stone, wooden block, sponge, cotton wool. Write the groups.

Answer: Hard: stone, wooden block. Soft: sponge, cotton wool.

10 Which is the odd one out: stone, wooden block, sponge, metal spoon? Explain why.

Answer: Sponge. It is soft, and the others are hard.