

Year 1 Science: Bendy, stiff and stretchy: answers

Year 1 - Properties of Materials - Lesson 8.4

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/bendy-stiff-and-stretchy/

Exercise 8D Bendy, stiff and stretchy

1 Look at the picture. Is the plastic straw bendy or stiff?



Answer: bendy

2 Is a piece of card bendy or stiff?

Answer: stiff

3 Is a rubber band stretchy? Write Yes or No.

Answer: Yes

4 Write Yes or No for each sentence.

(a) A rubber band is stretchy.

Answer: Yes

(b) A plastic straw is stretchy.

Answer: No

(c) A piece of card is stretchy.

Answer: No

(d) A rubber band is bendy.

Answer: Yes

5 Look at the picture. Which one is stiff: the plastic straw or the piece of card?



plastic
straw



piece
of card

Answer: piece of card

- 6** Sort these into bendy and stiff: piece of card, plastic straw, rubber band. Write the groups.

Answer: Bendy: plastic straw, rubber band. Stiff: piece of card.

- 7** Sam says a rubber band is stiff because it is hard to bend. Is Sam right? Explain.

Answer: No. A rubber band bends easily, and it stretches.

- 8** Working scientifically. What do you think will happen when you pull a rubber band and let go? How could we find out?

Answer: The band will get longer, then go back to its first shape. Stretch it a little, let go, and look.

- 9** Fill the gap: A rubber band is _____. It can be pulled longer and then go back.

Answer: stretchy

- 10** Explain why a plastic straw is bendy but not stretchy.

Answer: It bends when you push it, but it does not get longer and then go back when you pull it.