8Ce3 Immunisation

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class \_\_\_\_\_\_\_\_\_\_\_\_

**1** **White blood cells** in your body make **antibodies**. These attach to microbes and help to destroy them. Each different microbe has different shapes on its outside and the white blood cells need to make different antibodies to fit the different shapes. On the diagrams below, draw lines to show which antibodies will fit which microbes.

    

    

**2** Use the words from the box to complete the sentences about immunisation.

**antibodies blood disease injection microbes vaccine white**

 In an immunisation you are given an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ containing a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .

 This is some of the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that normally cause a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ but

 which have been treated so that they do not. It makes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ cells produce \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ . These attack the vaccine and some

 of them stay in the blood.

**3** If a microbe cannot cause a disease in you, you are said to be **immune**.
Explain how a vaccine makes you immune.

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