

# HOMework BOOKLET

**B3**





# Infectious Diseases Match and Draw

Draw a line to match the keyword with its meaning

**pathogen**

**cholera**

**salmonella**

**influenza virus**

**athlete's foot**

**HIV**

**vector**

**dysentery**

**malaria**

A bacterial infection causing diarrhoea and dehydration.

A disease affecting the brain and kidneys, spread by mosquitoes.

Caused by an airborne virus spread by people coughing and sneezing.

Microorganisms which cause infectious diseases, including bacteria, fungi, virus and protozoa.

Bacteria which causes food poisoning.

Virus spread through bodily fluids that causes aids.

A disease which causes severe diarrhoea. The bacteria is spread by the house fly.

A fungus which makes the skin itch and flake off.

An animal that spreads disease.

# Diseases

Disease	How It Is Transmitted	Symptoms
Measles		
Rose Black Spot		
Malaria		
Tobacco Mosaic		
Salmonella		
Gonorrhoea		
HIV		

---

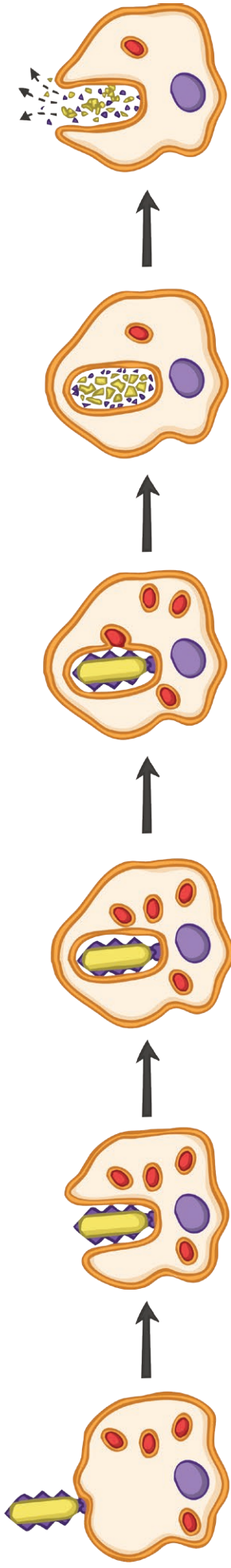
## Secondary

	Cause	Treatment/Prevention

# Human Defence Systems White Blood Cells

Below are diagrams showing the three different ways that white blood cells fight pathogens. Your task is to correctly name each diagram, and then write in the boxes your own words, what is happening at each stage.

What process is this?  
\_\_\_\_\_



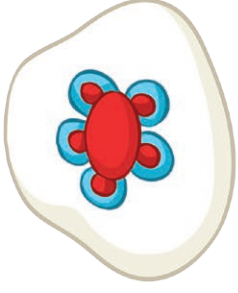
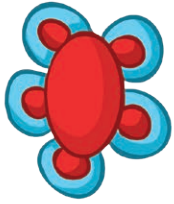
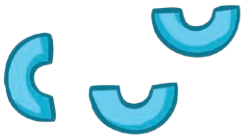
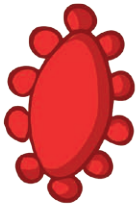
What is happening here?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

What is happening here?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

What is happening here?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Homework 2

What process is this?  
\_\_\_\_\_



What is happening here?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

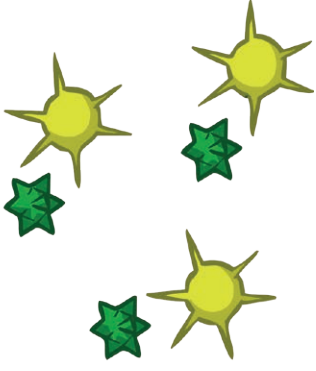
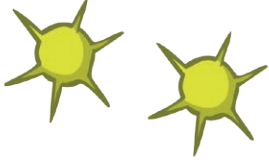
What is happening here?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

What is happening here?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

What is happening here?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Homework 2

What process is this?  
\_\_\_\_\_



What is happening here?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

What is happening here?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

What is happening here?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Homework 2



# Drug Trials Exam Style Questions

Homework 2

A scientist is carrying out a drug trial.

1. i) The clinical trial is a blind trial, what does this mean?

(1 marks)

---

---

ii) Give a reason why it might be beneficial to conduct double blind trials.

(1 mark)

---

---

iii) Volunteers taking the placebo often claim to be suffering from side effects. Suggest why this might happen.

(1 mark)

---

---

iv) Give 3 factors that scientist's research during drug testing.

(3 marks)

---

---

