**SIMPLE ORGANISMS UNIT REVIEW**

**BACTERIA**:

What single factor will place an organism in the Monera kingdom?

**Prokaryotic (no nucleus)**

Bacteria which have a sphere shape are classified as:

**cocci**

Bacteria which have a rod shape are classified as:

**bacilli**

Bacteria which have a spiral shape are classified as:

**spirilla**

What are the two main types of bacteria and how are they different?

**Eubacteria (true bacteria) and archeobacteria—live in extreme conditions**

How can bacteria obtain food?

**Not on test**

How are bacteria classified?

**By their shape and how they obtain food**

Name 4 ways that bacteria can be helpful

**Process foods, help make medicines, decomposers, human digestion**

Name 3 ways that bacteria can be harmful

**Cause disease, spoil food, bacterial blooms kill fish and other organisms**

How can you treat a bacterial infection?

**Antibiotics**

**VIRUSES:**

Indicate yes or no. A virus capable of:

\_\_**N**\_\_\_Growth

\_\_**N**\_\_\_Perform respiration

\_\_**N**\_\_\_Release waste

\_\_**Y\_**\_\_Reproduce

Is a virus a living thing?

**No**

Why do viruses infest other cells?

**Viruses require a host cell to reproduce**

Name 3 common diseases which are caused by viruses

**measles, mumps, rubella, chicken pox,**

**H.I.V. – A.I.D.S.**

Write the words indicated by each letter:

H**uman**

I**mmunodeficiency**

V**irus**

A**cquired**

I**mmuno**

D**eficiency**

S**yndrome**

Can HIV be transmitted by sharing a water bottle? **No**

Can HIV be transmitted by sharing a tattoo needle? **Yes**

How can you treat or prevent viruses? **Vaccinations, anti-viral drugs**