

VIRUSES

* STRANDS OF _____ OR _____
ENCLOSED IN A _____ COAT
* INFECTIONS

polyhedral
(ADENOVIRUS)



helical
(TOBACCO MOSAIC VIRUS)

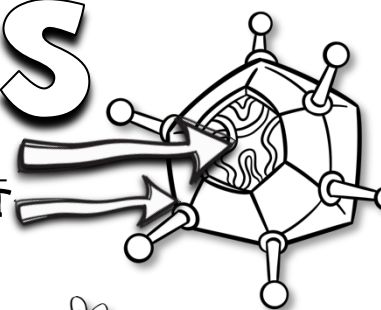


complex
(BACTERIOPHAGE)

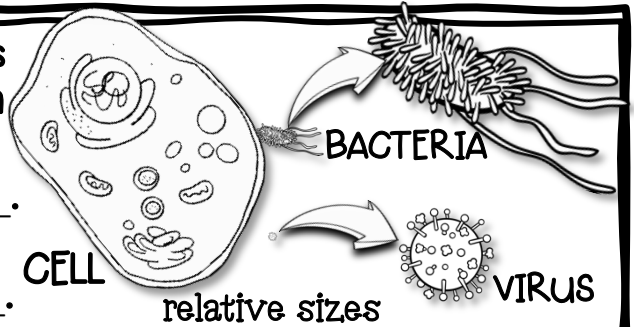
COME IN
MANY
SHAPES



spherical
(CORONAVIRUS)



Sometimes viruses are confused with another family of germs...
Viruses are much _____.



CELL

BACTERIA

VIRUS

relative sizes

SOME VIRUSES:

- mumps
- cold
- flu



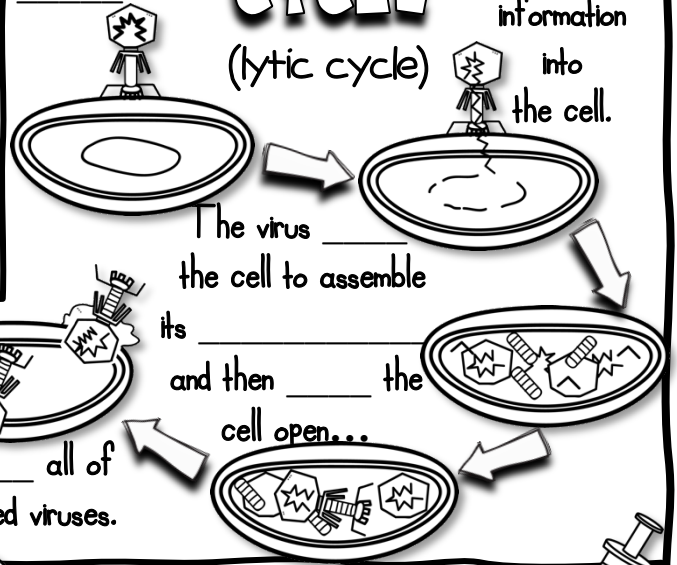
NEARLY EVERY TYPE OF _____ CAN BE INFECTED WITH VIRUSES: _____

A virus attaches to a cell.

ACTIVE CYCLE

(lytic cycle)

It _____ its hereditary information into the cell.

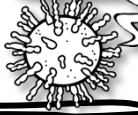


ARE VIRUSES ALIVE OR NOT?

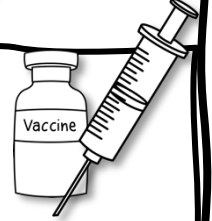
CHARACTERISTIC OF LIFE	YES or NO	DESCRIPTION or EXPLANATION
ORGANIZATION		
USES ENERGY		
HOMEOSTASIS		
GROWS		
RESPONDS TO STIMULI		
REPRODUCES		
ADAPTS TO ENVIRONMENT		

VIRUSES LIVE IN US, BUT TECHNICALLY ARE NOT ALIVE.

I can only survive in a host cell.



VACCINES



HOW?

MADE FROM A _____ VERSION OF A VIRUS. IT IS _____ INTO YOUR SYSTEM. YOUR BODY FIGHTS IT NATURALLY, GIVING YOU _____. THIS TAKES ABOUT _____ WEEKS.