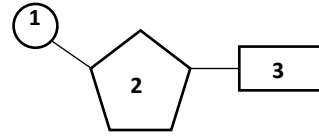
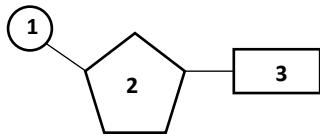


DNA REPLICATION HL

1. Compare the RNA and DNA _____ represented here:



RNA: _____ acid

DNA: _____ acid

1. _____

1. _____

2. _____ sugar

2. _____ sugar

3. _____ bases:

3. _____ bases:

i. _____ = _____

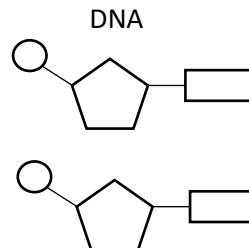
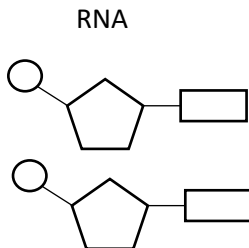
i. _____ = _____

ii. _____ = _____

ii. _____ = _____

2. Another difference between RNA and DNA is that RNA is _____ stranded and DNA forms a _____. Evidence for this was discovered by _____ and _____ using a technique called _____.

3. Complete the strands of RNA and DNA below. Label all bonds and bases.



4. Based on your drawing, we can see the strands in DNA are _____. This was discovered by _____ and _____, by making paper _____.

5. Long strands of DNA in _____ are coiled around _____ proteins forming _____. Draw a simple sketch of one:

These are not present in _____ because they have _____ DNA