

## Bio 111 Answer to iClicker Question 3A

Looking at Campbell figure 13.8, you can see that in meiosis the chromosomes are duplicated and this is followed by two divisions (Meiosis I and Meiosis II). Therefore, the only correct answer is C.

## Bio 111 Answer to iClicker Question 3B

The following rules apply:

- Each chromosome has only one copy of each gene. This rules out diagrams A and B.
- A particular gene is always in the same place on every chromosome where it is present. This rules out diagram D.
- (Note that, in the real world, there are exceptions to these rules; but not in Bio 111)

Thus, the only correct diagram is C.