

Question	Midweek	Midweek
Is all DNA replicated?	Yes	Yes
Is all nuclear division?	Yes	Yes
Proportion of heterozygous chromosomes	No	Yes, during Anaphase I, heterozygous
Cloning, over-represent	No	Yes, while nuclei are present in Prophase I this secondary genetic variability
Is all daughter cells?	Yes	Yes
Chromosome number in parent cell	2n (diploid)	2n (diploid)
Chromosome number in daughter cells	2n (diploid)	2n (diploid)
Parental cell(s)	Parents, cross again, sexual reproduction	Prokaryotes (bacteria) generate for sexual reproduction; eukaryotes Chromosome number in each generation