

Each student will collect and record data from their core, find the % for each foram species found in the core sample, and estimate “forams” in the cake by multiplying the “factor” (Step: 2B) times the number of each species in the core sample.

Colors	Representative Foraminifera Species	# in Core	Find % for each species (# in Core ÷ Total)	Estimated # in Cake (# in core x Factor)
Red	<i>Astrammina rara</i>		_____ ÷ _____ = _____ %	_____ x _____ = _____
Yellow	<i>Pyrgo peruviana</i>		_____ ÷ _____ = _____ %	_____ x _____ = _____
Green	<i>Crithionina delacai</i>		_____ ÷ _____ = _____ %	_____ x _____ = _____
Orange	<i>Cornuspira antarctica</i>		_____ ÷ _____ = _____ %	_____ x _____ = _____
Purple	<i>Notodendrodes hyalinosphaira</i>		_____ ÷ _____ = _____ %	_____ x _____ = _____
	Total:		_____ = _____ % (Total of the percents)	Estimated forams in cake (Total x Factor) = _____ total forams

The factor indicates how much bigger the cake is than the core. Therefore if the total number of forams in the core were _____ forams, then the estimated number in the whole cake would be _____ forams.