Crunching the numbers: Equivalent Sett
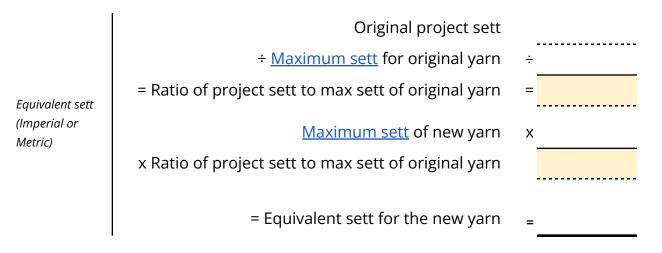
Calculating the equivalent sett for a different yarn

Use the Ashenhurst Calculator to find the maximum sett for each yarn. You'll need to know the yarn's yards per pound (YPP) or meters per kilogram (MPKG).

It doesn't matter what structure you use or whether you say the yarn is dense or lofty, just be sure to use the same settings for both yarns.

Equivalent sett (Imperial or Metric)

Original project sett	
÷ Maximum sett for original yarn	÷
= Ratio of project sett to max sett of original yarn	=
Maximum sett of new yarn	x
x Ratio of project sett to max sett of original yarn	
= Equivalent sett for the new yarn	=

Round any decimals or fractions up or down to whole number that's easy to work with.

Example:

	Original project sett		22
	÷ Maximum sett for original yarn	÷	26.1
Equivalent sett (Imperial or Metric)	= Ratio of project sett to max sett of original yarn	=	0.8429
	Maximum sett of new yarn	x	20.6
	x Ratio of project sett to max sett of original yarn		0.8429
	= Equivalent sett for the new yarn	=	17.36

You could round that 17.36 down to 17 or up to 18. 18 EPI would probably be much easier to sley than 17 EPI!