This task is about working out fractions of numbers.

Complete the table below to give the number of each coloured bead in each necklace.

Instructions to make each necklace

Necklace A

Necklace B



Total of 12 beads of which

- $\frac{3}{12}$ are red $\frac{1}{2}$ are blue $\frac{1}{6}$ are green $\frac{1}{12}$ are black



Total of 18 beads of which

- $\frac{2}{3}$ are red $\frac{1}{6}$ are blue $\frac{1}{9}$ are green $\frac{1}{18}$ are black

Necklace C



Total of 24 beads of which

- $\frac{1}{4}$ are red $\frac{1}{3}$ are blue $\frac{3}{12}$ are green $\frac{1}{6}$ are black

Table to Record Answers

	Necklace		
Number of each coloured bead	Α	В	С
Red			
Blue			
Green			
Black			

Published on Assessment Resource Banks (https://arbs.nzcer.org.nz)