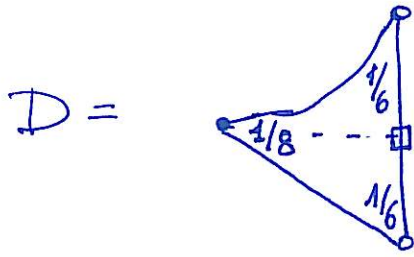


(163)  $(2, \dots, 2) (3, \dots, 3, 1) (8, 8)$

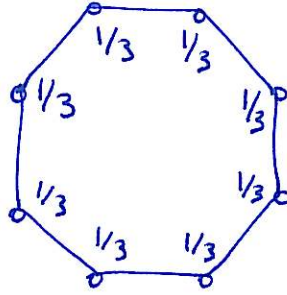
$T(3) \xrightarrow{16:1} \mathcal{S}(2, 3, 8)$



" $1/m$ " = " $2\pi/m$ "

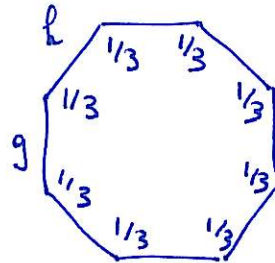
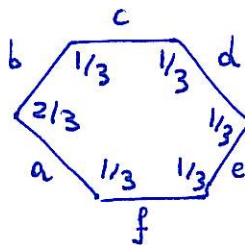
$(2, \dots, 2), (8, 8) \Rightarrow$

$2 \times$

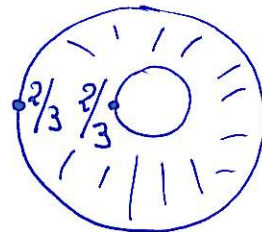


$(3, \dots, 3, 1)$   
↑

$\Rightarrow$



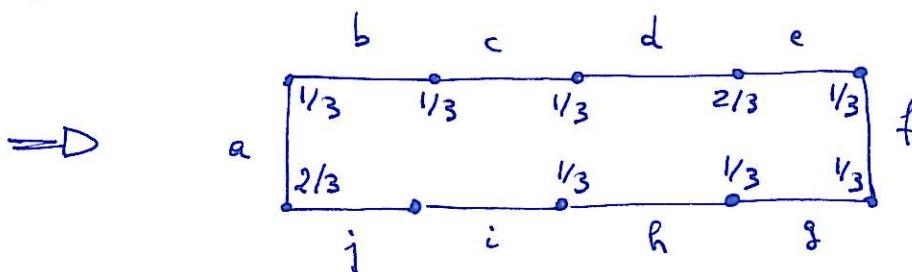
$a \leftrightarrow b$  no  
 $a \leftrightarrow c$  no  
 $a \leftrightarrow d \Rightarrow b \leftrightarrow c$  no  
 $a \leftrightarrow e \Rightarrow b \leftrightarrow d$



no (a loop from octagon brings at least  $2/3$ )

$a \leftrightarrow f$  no

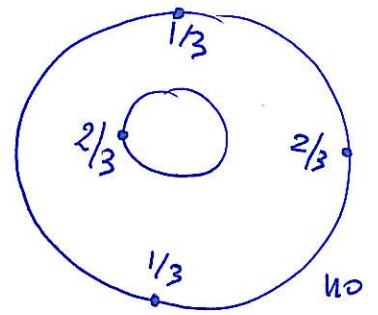
$a \leftrightarrow g \Rightarrow b \leftrightarrow h$



163

$a \leftrightarrow b$  no

$a \leftrightarrow c \Rightarrow d \leftrightarrow j \Rightarrow e \leftrightarrow i \Rightarrow$

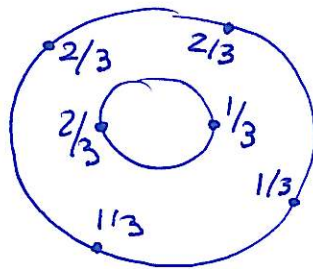


$a \leftrightarrow d$  no

$a \leftrightarrow e \Rightarrow b \leftrightarrow d, f \leftrightarrow j$  no (as above)

$a \leftrightarrow f \Rightarrow g \leftrightarrow j$

$\Rightarrow$



no

$a \leftrightarrow g \Rightarrow h \leftrightarrow j$  no (as above)

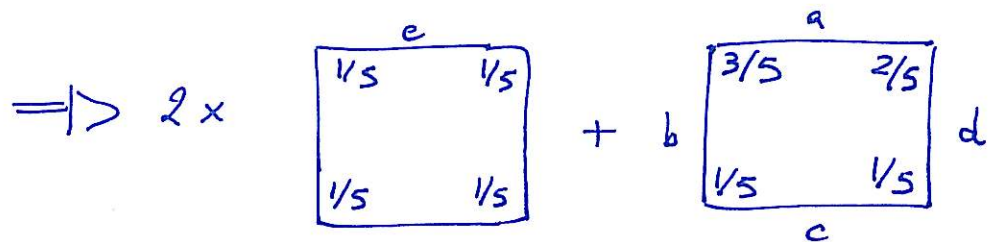
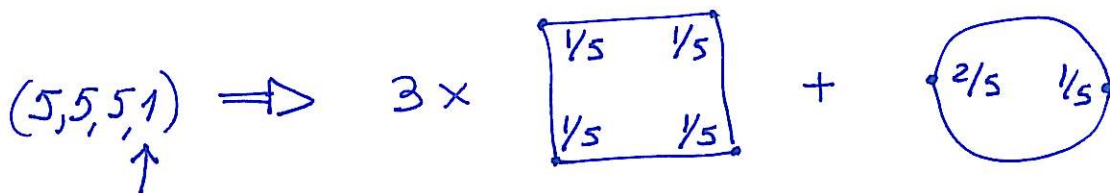
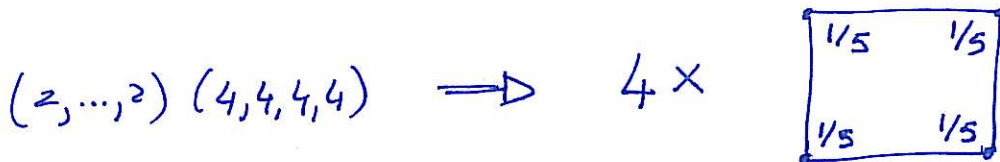
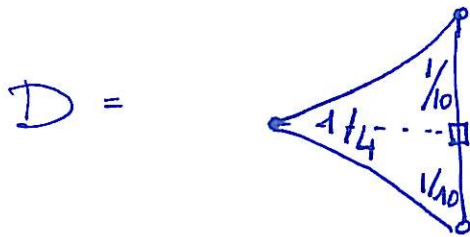
$a \leftrightarrow h \Rightarrow i \leftrightarrow j$  no

$a \leftrightarrow i$  no

$a \leftrightarrow j$  no

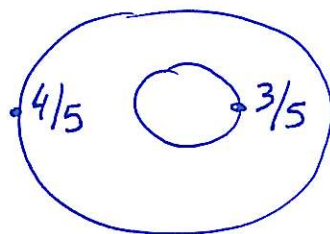
164  $(2, \dots, 2) (4, 4, 4, 4) (5, 5, 5, 1)$

$$T(5) \xrightarrow{16:1} S(2, 4, 5)$$



$a \leftrightarrow b$  no

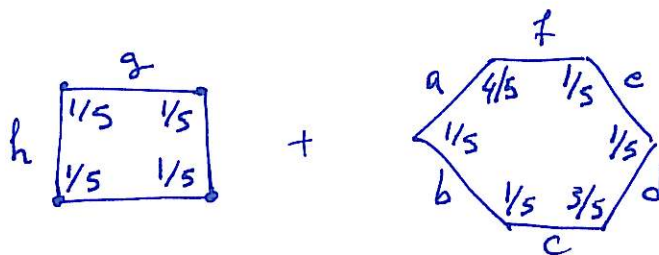
$a \leftrightarrow c \Rightarrow$



no (a loop from the square brings at least 2/5)

$a \leftrightarrow d$  no

$a \leftrightarrow e \Rightarrow$



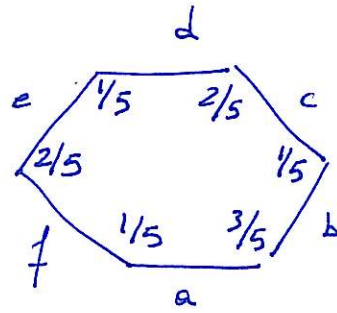
$a \leftrightarrow b$  no

$a \leftrightarrow c$  no

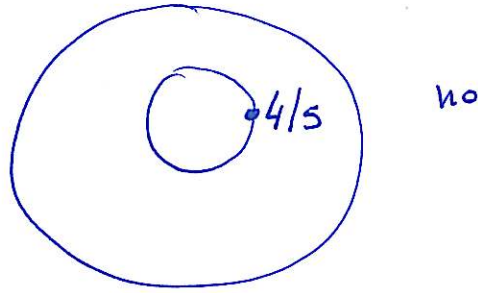
$a \leftrightarrow d \Rightarrow e \leftrightarrow f$  no

164  $a \leftrightarrow e$  no  
 $a \leftrightarrow f$  no

$a \leftrightarrow g \Rightarrow f \leftrightarrow h \Rightarrow$



$a \leftrightarrow b$  no  
 $a \leftrightarrow c \Rightarrow$

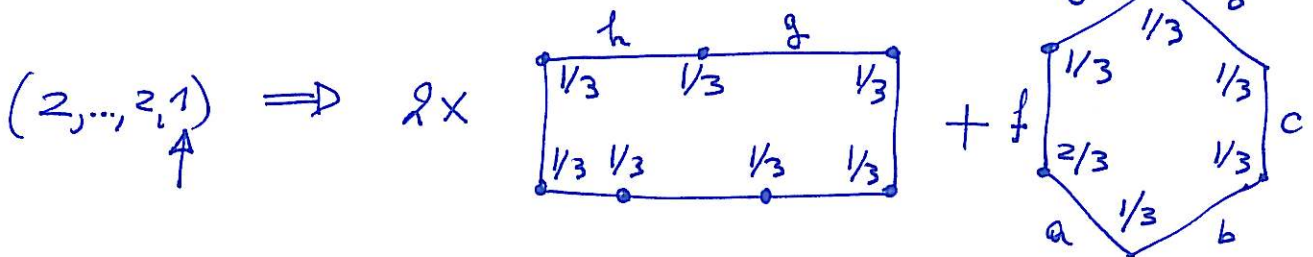
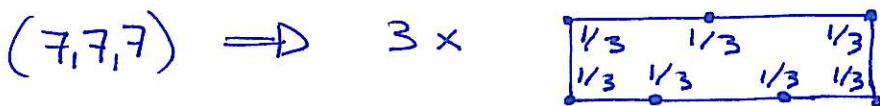
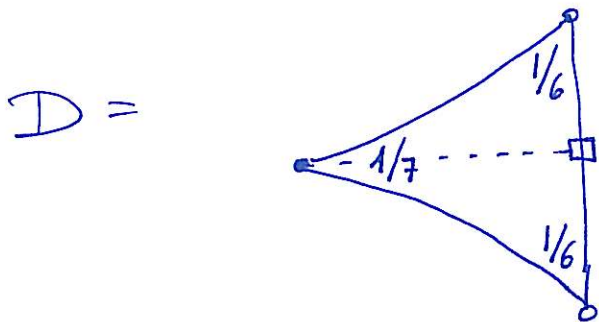


$a \leftrightarrow d \Rightarrow b \leftrightarrow c$  no  
 $a \leftrightarrow e$  no (as above)  
 $a \leftrightarrow f$  no

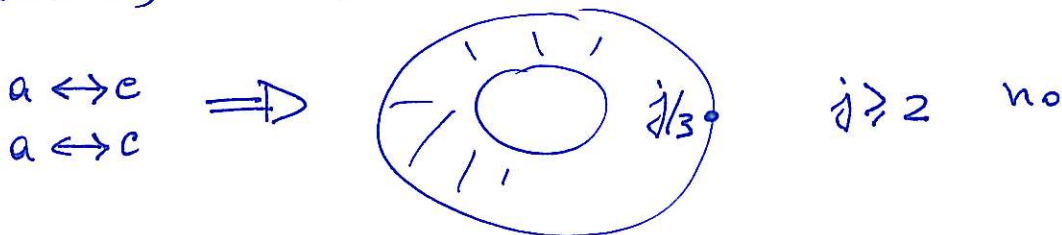
166

$(2, \dots, 2, 1) \quad (3, \dots, 3) \quad (7, 7, 7)$

$$T(2) \xrightarrow{2^1:1} S(2, 3, 7)$$

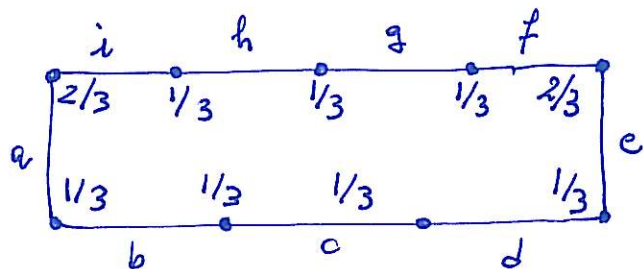
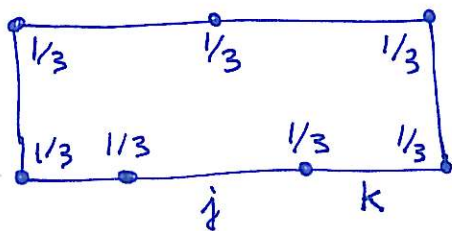


$a \leftrightarrow b, a \leftrightarrow f$  no



$a \leftrightarrow d \Rightarrow e \leftrightarrow f$  no

$a \leftrightarrow g \Rightarrow f \leftrightarrow h \Rightarrow$



$a \leftrightarrow b \quad \left. \begin{matrix} \} \text{no} \\ a \leftrightarrow i \end{matrix} \right\} \quad \left. \begin{matrix} a \leftrightarrow c \\ a \leftrightarrow h \end{matrix} \right\} \text{no}$

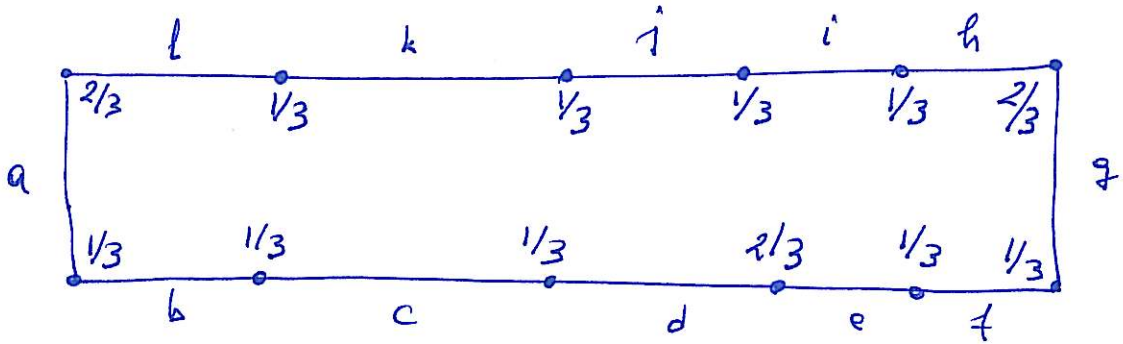
$a \leftrightarrow d \Rightarrow i \leftrightarrow e \Rightarrow h \leftrightarrow f$  no  
 $a \leftrightarrow e$  no

166

$a \leftrightarrow f \Rightarrow g \leftrightarrow i$  no

$a \leftrightarrow g \Rightarrow h \leftrightarrow i$  no

$a \leftrightarrow j \Rightarrow i \leftrightarrow k \Rightarrow$



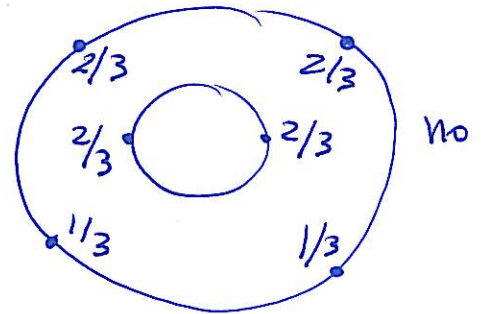
$a \leftrightarrow b$   
 $a \leftrightarrow l$  } no

$a \leftrightarrow c$   
 $a \leftrightarrow k$  } no

$a \leftrightarrow d$  no

$a \leftrightarrow e \Rightarrow b \leftrightarrow d$  no

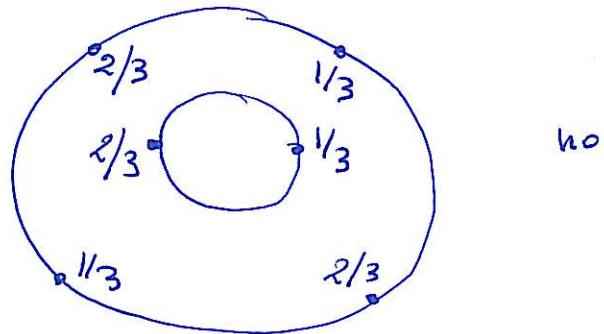
$a \leftrightarrow f \Rightarrow l \leftrightarrow g \Rightarrow k \leftrightarrow h \Rightarrow$



$a \leftrightarrow g$  no

$a \leftrightarrow h \Rightarrow b \leftrightarrow g, l \leftrightarrow i$

$\Rightarrow$



$a \leftrightarrow i \Rightarrow l \leftrightarrow j$  no

$a \leftrightarrow j \Rightarrow l \leftrightarrow k$  no