



II Olimpiada Provincial de Matemáticas para Primaria

Número	

PRUEBA 3: GRUPAL

1) MENSAJE SECRETO

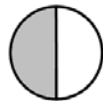
A continuación tenéis las claves para descifrar un importante mensaje:



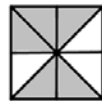
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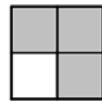
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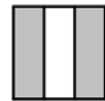
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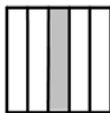
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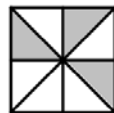
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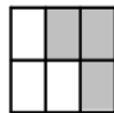
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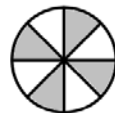
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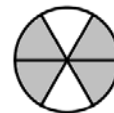
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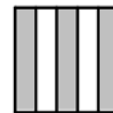
R



S



U



C



Y

$$\frac{3}{4} \quad \frac{1}{4} \quad \frac{4}{8}$$

$$\frac{2}{5} \quad \frac{1}{4} \quad \frac{3}{8} \quad \frac{1}{2} \quad \frac{2}{5} \quad \frac{1}{4} \quad \frac{3}{8} \quad \frac{5}{8} \quad \frac{3}{5} \quad \frac{1}{4} \quad \frac{4}{8}$$

$$\frac{1}{2} \quad \frac{4}{8} \quad \frac{3}{8} \quad \frac{1}{4} \quad \frac{2}{3}$$

$$\frac{1}{2} \quad \frac{2}{3}$$

$$\frac{3}{8} \quad \frac{2}{6} \quad \frac{4}{5} \quad \frac{1}{4} \quad \frac{4}{8}$$

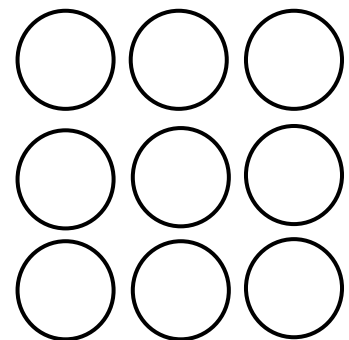
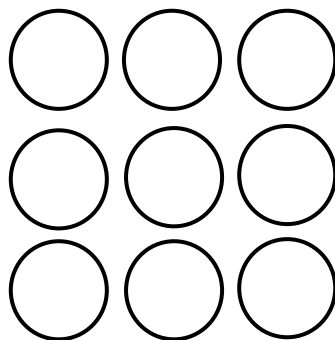
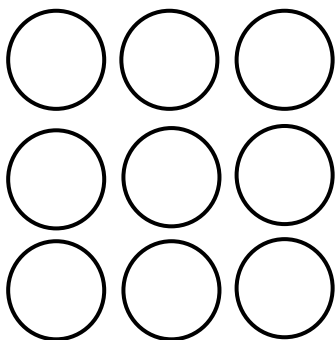
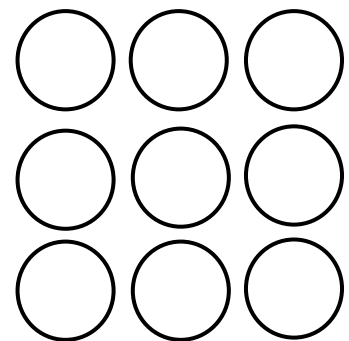
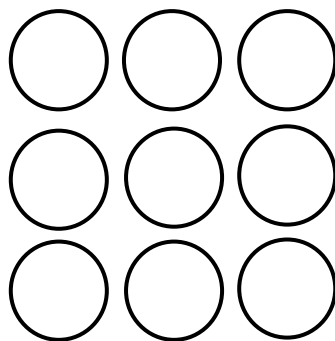
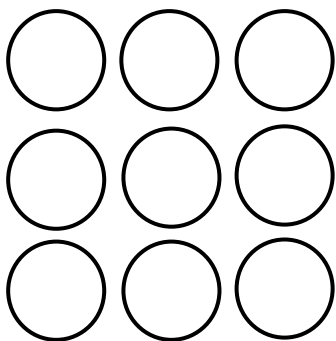
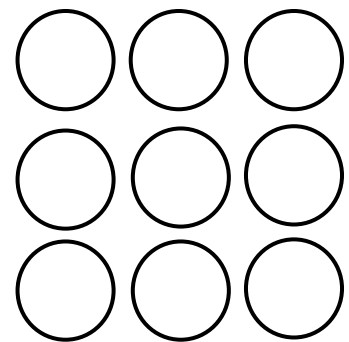
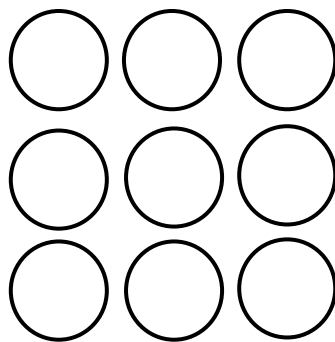
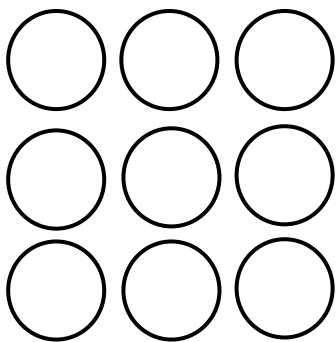
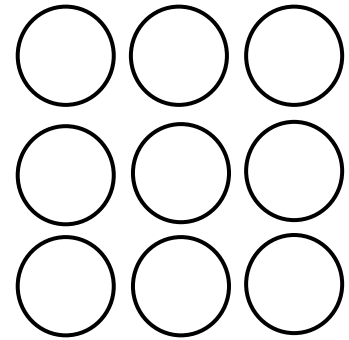
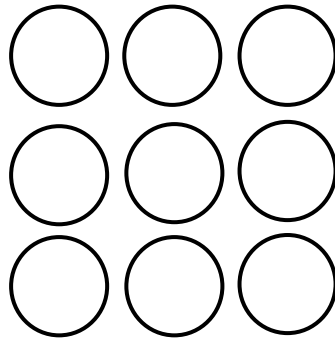
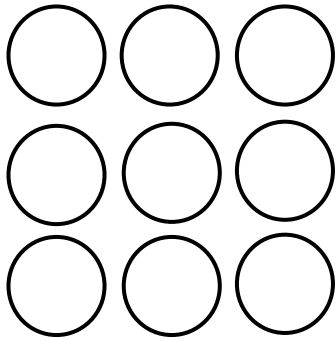
$$\frac{1}{5} \quad \frac{1}{4} \quad \frac{3}{6} \quad \frac{3}{8} \quad \frac{1}{2} \quad \frac{4}{8}$$



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2) LA SALA DE FIESTAS

El siguiente dibujo representa 9 mesas de una sala de fiestas. Se tienen 3 manteles verdes, 3 blancos y 3 rojos para poner sobre las mesas. Indica todas las formas posibles de colocar los manteles de manera que no haya manteles del mismo color en cada fila o columna.

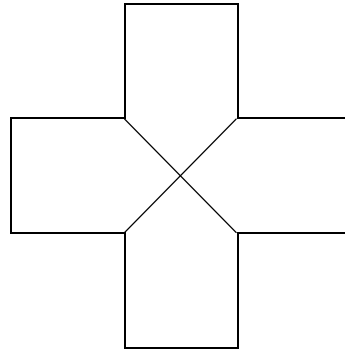
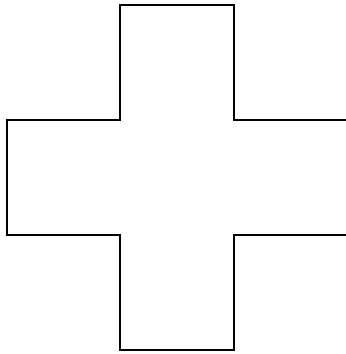




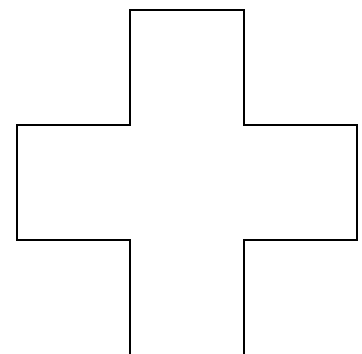
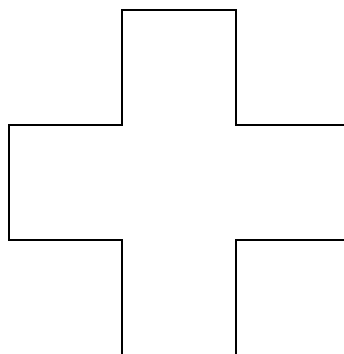
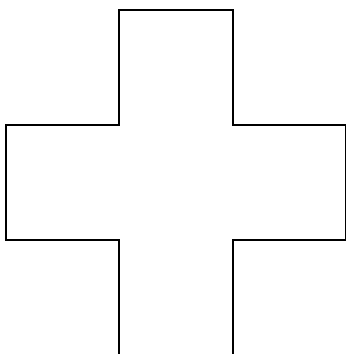
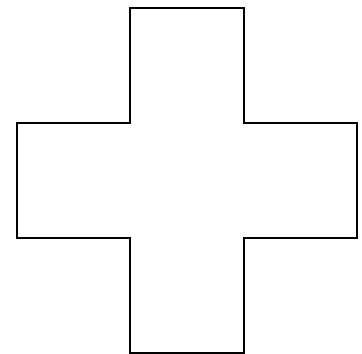
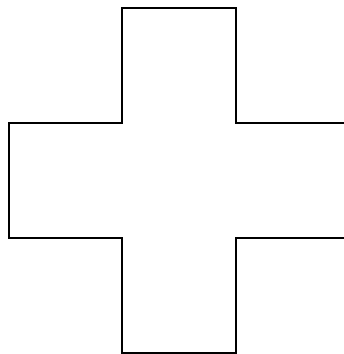
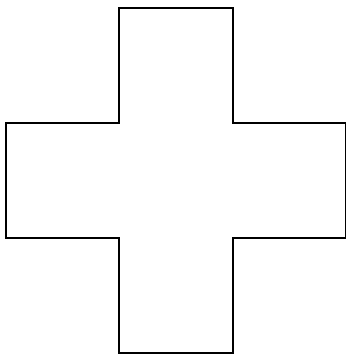
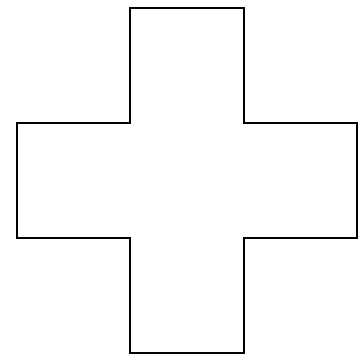
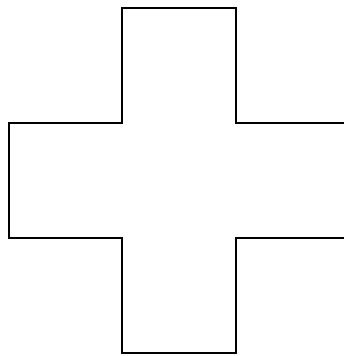
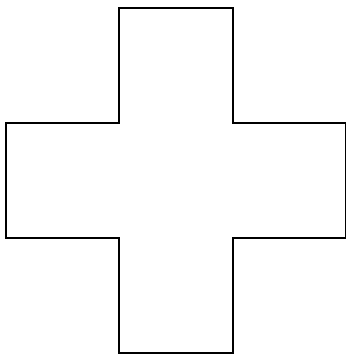
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3) CRUCES

La figura geométrica de la izquierda representa una cruz formada por cinco cuadrados iguales. En la de la derecha se puede observar la cruz dividida en cuatro figuras iguales.



Obtén el mayor número de formas distintas de dividir la cruz en cuatro figuras iguales.

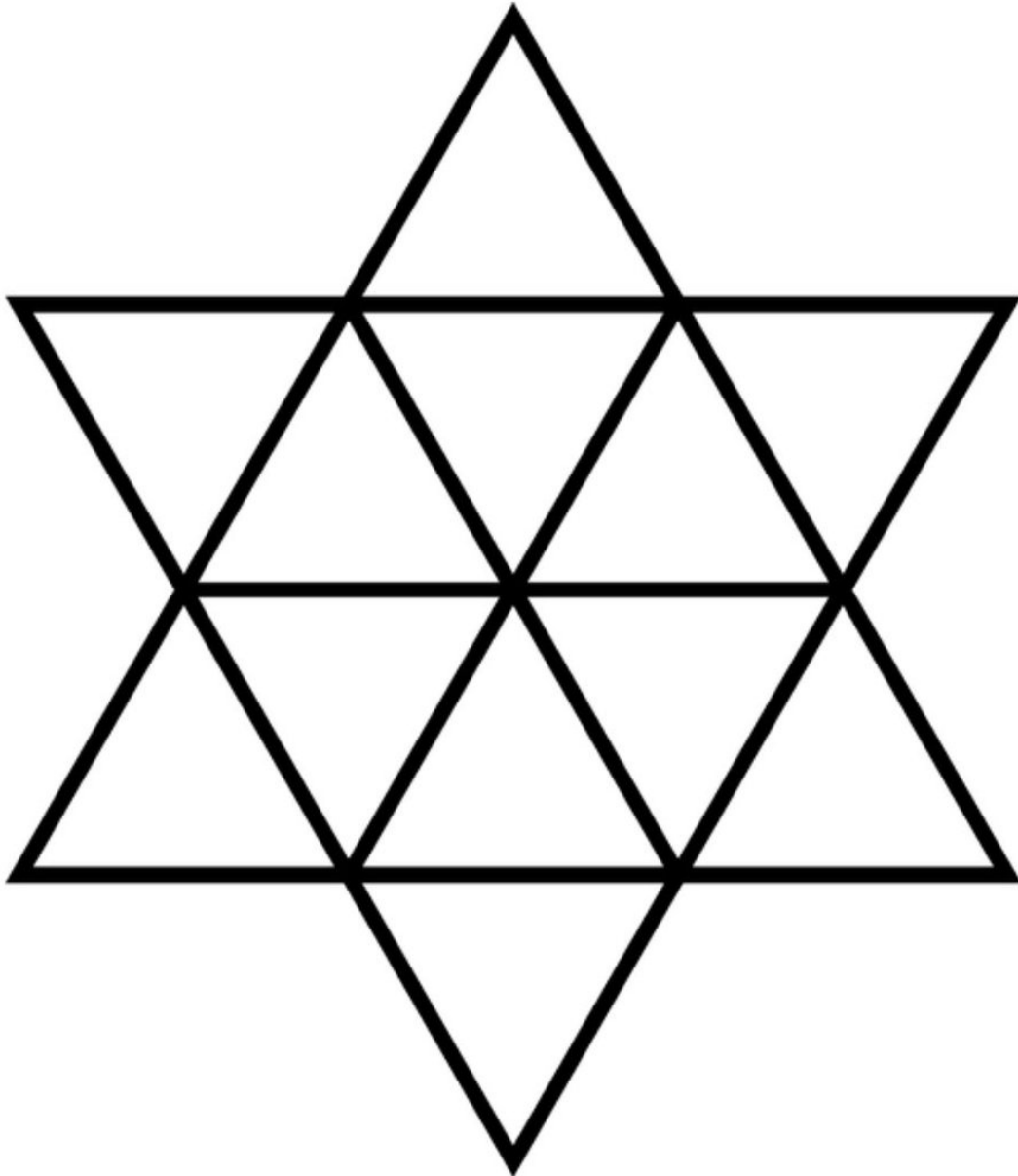




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4) CADA NÚMERO CON SU FACTORIZACIÓN

Con los triángulos de la hoja siguiente, que podéis recortar y pegar aquí, completad la estrella de manera que cada número aparezca junto a su descomposición factorial.



Número de ejercicios resueltos en equipo:		Tiempo empleado en resolverlos:	
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