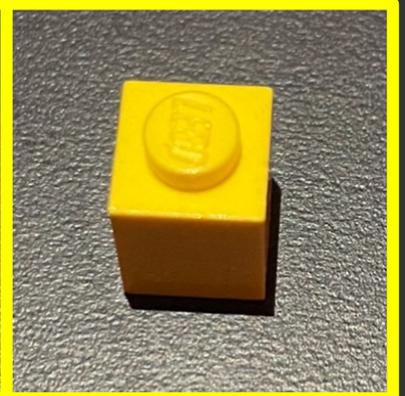
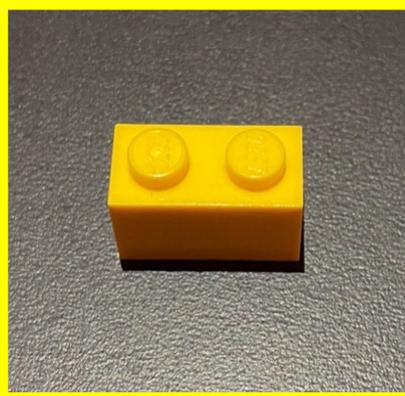
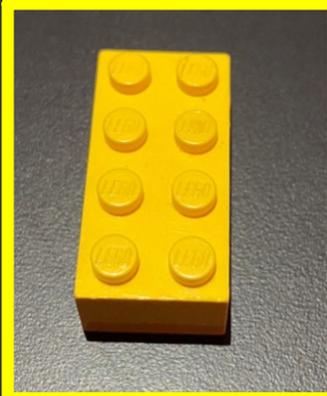


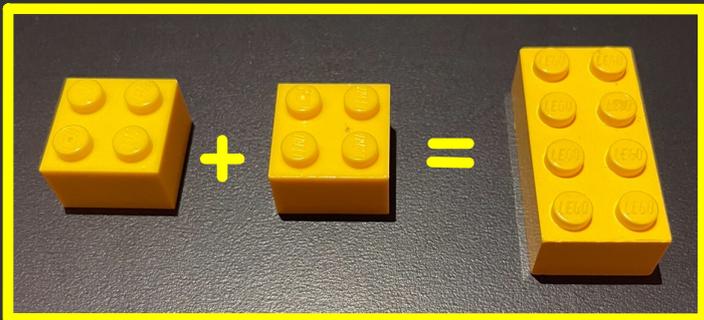
# Bruchrechnen mit Lego



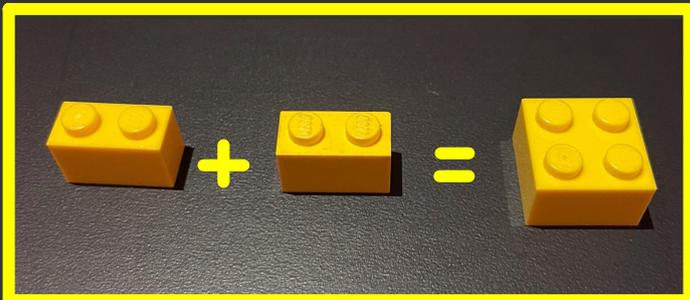
1 Ganzes: 1    1 Halbes:  $\frac{1}{2}$

1 Viertel:  $\frac{1}{4}$

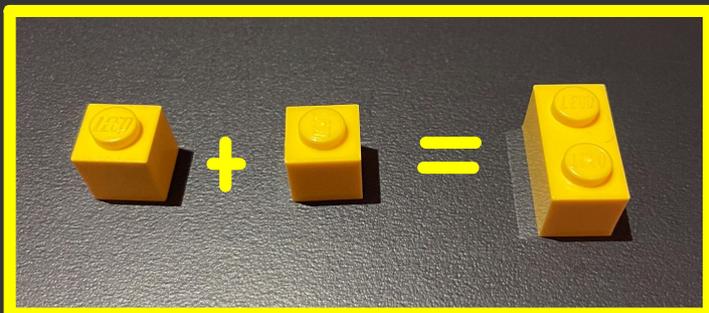
1 Achtel:  $\frac{1}{8}$



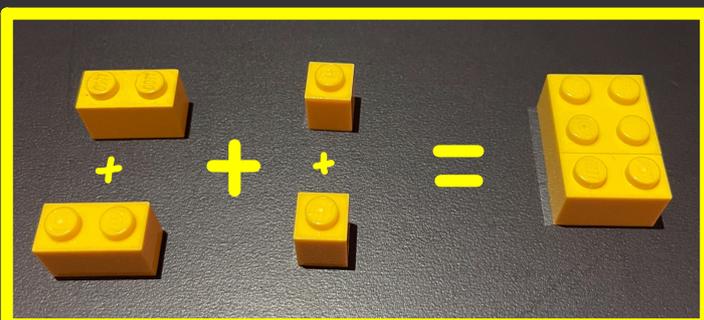
2 Halbe  
ergeben  
1 Ganzes



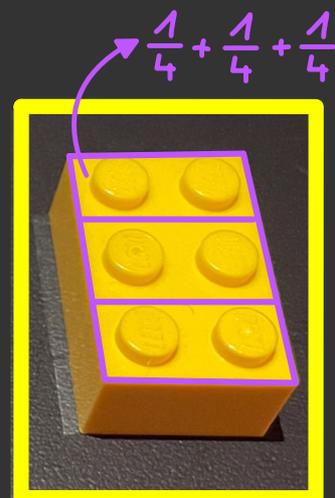
2 Viertel  
ergeben  
1 Halbes

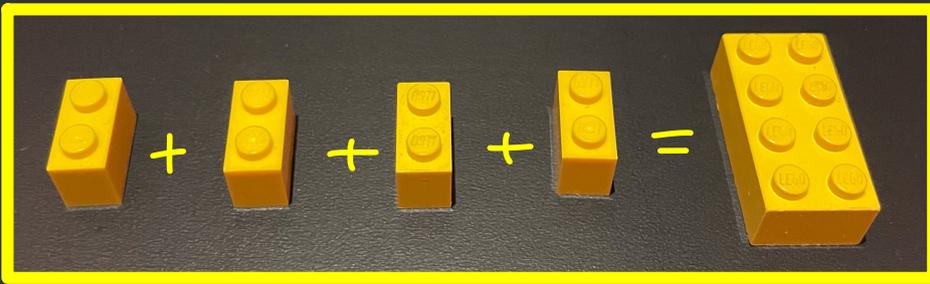


2 Achtel  
ergeben  
1 Viertel

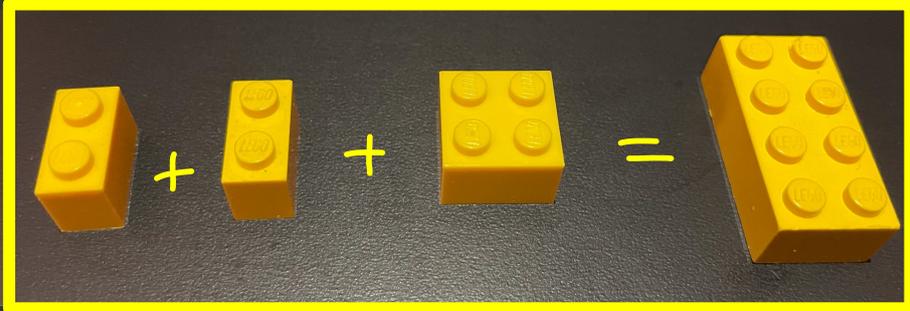


2 Viertel  
und  
2 Achtel  
ergeben  
3 Viertel

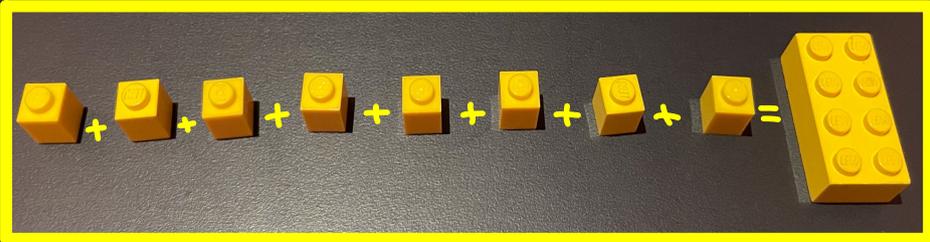




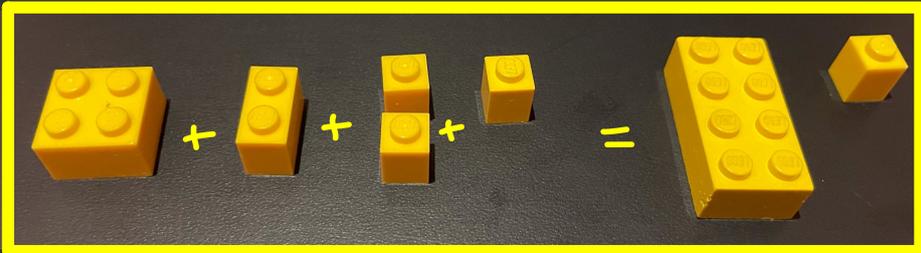
$$\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} = \frac{4}{4} = 1$$



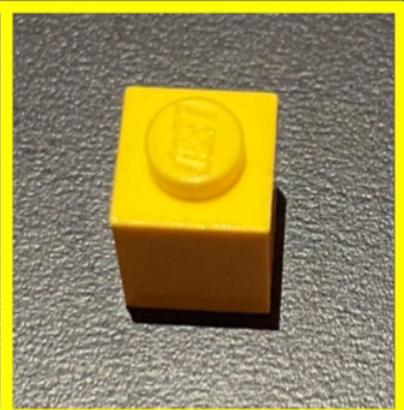
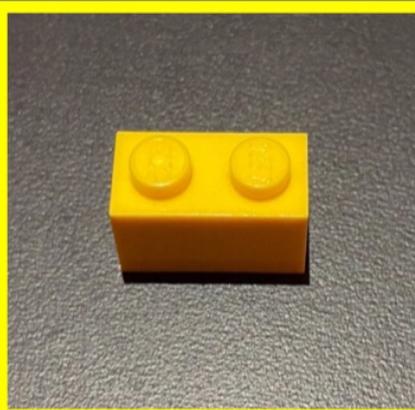
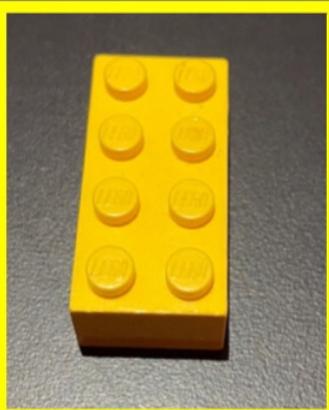
$$\frac{1}{4} + \frac{1}{4} + \frac{1}{2} = 1 \quad \text{oder} \quad \frac{1}{4} + \frac{1}{4} + \frac{2}{4} = \frac{4}{4} = 1$$



$$\frac{1}{8} + \frac{1}{8} = \frac{8}{8} = 1$$



$$\frac{4}{8} + \frac{2}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} = \frac{9}{8} = 1\frac{1}{8}$$



$$1 / \frac{2}{2} / \frac{4}{4} / \frac{8}{8}$$

$$1 / \frac{2}{4} / \frac{4}{8}$$

$$1 / \frac{2}{8}$$

$$1 / 8$$