Possible Solutions

Solution 1

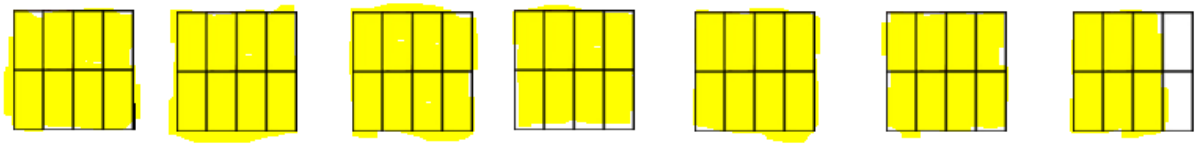
$$6\frac{3}{4} \div \frac{3}{8} = \frac{27}{4} \div \frac{3}{8} = \frac{27}{4} \bullet \frac{8}{3} = \frac{216}{12} = 18$$

The correct answer is 18 hamburgers.

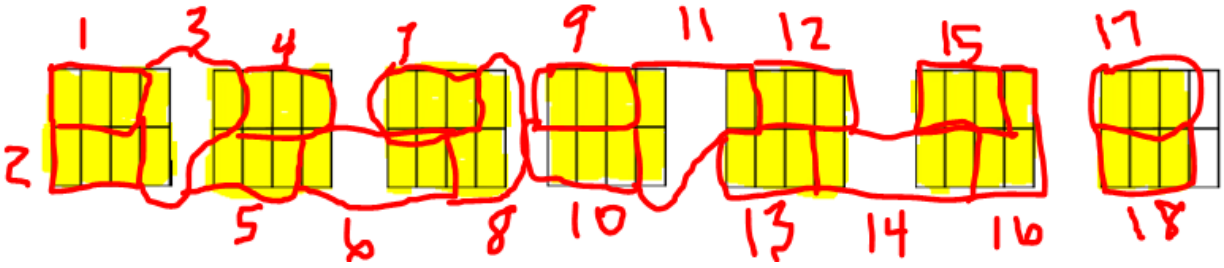
Solution 2

You can use a model to find this solution.

A figure divided into fourths can be re-divided into eighths. $\frac{4}{4} = \frac{8}{8}$



I have $6\frac{3}{4}$ shaded. I want to know how many $\frac{3}{8}$ can be divided into this.



I have 18 groups of $\frac{3}{8}$ in $6\frac{3}{4}$.

The correct answer is 18 hamburgers.