

Übung 15 - Addition

Addiere die dargestellten Brüche. Rechne aus und zeichne dein Ergebnis farbig ein.

$$\begin{array}{c} \begin{array}{|c|c|} \hline \text{■} & \square \\ \hline \square & \square \\ \hline \end{array} + \begin{array}{|c|c|} \hline \text{■} & \square \\ \hline \square & \square \\ \hline \end{array} = \begin{array}{|c|c|} \hline \square & \square \\ \hline \square & \square \\ \hline \end{array} \\ \\ \begin{array}{c} \square \\ \hline \end{array} + \begin{array}{c} \square \\ \hline \end{array} = \begin{array}{c} \square \\ \hline \end{array} \end{array}$$

A diagram illustrating the addition of two octagons. Each octagon is divided into eight triangles by lines from its center. In the first octagon, four triangles point downwards and four point upwards. In the second octagon, the pattern is reversed: four triangles point upwards and four point downwards. When the two octagons are combined, the resulting octagon has all eight triangles shaded, pointing downwards.

$$\begin{array}{ccc}
 \begin{array}{c} \text{+} \\ \text{dien} \end{array} & \begin{array}{c} \text{=} \end{array} & \begin{array}{c} \text{=} \end{array}
 \end{array}$$

A diagram illustrating fraction addition. It shows two circles divided into 8 equal sectors each. The first circle has 5 sectors shaded gray, representing the fraction $\frac{5}{8}$. The second circle has 3 sectors shaded gray, representing the fraction $\frac{3}{8}$. A plus sign (+) is placed between the two circles, and an equals sign (=) is placed to the right of the second circle. To the right of the equals sign is a third circle divided into 8 equal sectors, all of which are shaded gray, representing the fraction $\frac{8}{8}$.

The diagram consists of two separate horizontal rows. The top row shows a sum: a 2x3 grid of rectangles where the first column is shaded gray, plus a 2x3 grid where the first two columns are shaded gray, equals a 2x3 grid where all three columns are white. The bottom row shows a similar sum: a 1x2 grid where the first rectangle is white, plus a 1x2 grid where the first rectangle is white, equals a 1x2 grid where the first rectangle is white.

A diagram illustrating fraction addition. It shows three circles divided into 8 equal sectors each. The first circle has 1 sector shaded gray. The second circle has 3 sectors shaded gray. The third circle has all 8 sectors shaded gray. Below the circles, there are two empty rectangular boxes for writing the fraction, a plus sign, another empty box for writing the fraction, an equals sign, and a final empty box for writing the fraction.