

Bruchrechnen Aufgabe 39

$$461 \frac{29}{30} + 141 \frac{31}{45} + 703 \frac{17}{72} + 355 \frac{19}{40} + 298 \frac{53}{60}$$

Hauptnenner: **$2 * 2 * 2 * 3 * 3 * 5 = 360$**

$$30 = 2 * 3 * 5$$

$$40 = 2 * 2 * 2 * 5$$

$$45 = 3 * 3 * \mathbf{5}$$

$$60 = 2 * 2 * 3 * 5$$

$$72 = \mathbf{2 * 2 * 2 * 3 * 3}$$

$$1958 \frac{29 * 12 + 31 * 8 + 17 * 5 + 19 * 9 + 53 * 6}{360} = 1958 \frac{1170}{360} =$$

$$= 1961 \frac{90}{360} = \mathbf{1961 \frac{1}{4}}$$