

Bruchrechnen Aufgabe 41

$$83 \frac{17}{30} + 68 \frac{17}{18} - 47 \frac{11}{14} - 75 \frac{4}{15} + 34 \frac{3}{10} - 66 \frac{10}{63} + 2 \frac{2}{5}$$

Hauptnenner: $2 * 3 * 3 * 5 * 7 = 630$

$$5 = 5$$

$$10 = 2 * 5$$

$$14 = 2 * 7$$

$$15 = 3 * 5$$

$$18 = 2 * 3 * 3$$

$$30 = 2 * 3 * 5$$

$$63 = 3 * 3 * 7$$

$$- 1 \frac{17 * 21 + 17 * 35 - 11 * 45 - 4 * 42 + 3 * 63 - 10 * 10 + 2 * 126}{630} =$$

$$= - 1 \frac{630}{630} = - 1 + 1 = 0$$