

# Arbeitsblatt

28.07.2013

Kostenlos auf dw-aufgaben.de

Aufgaben-Quickname: 6704

## Aufgabe 1

Setze den fehlenden Wert ein.

Quick:  
6704

a) $\frac{71}{79} = \frac{34}{79} + \frac{37}{79}$	$\frac{71}{79} = \frac{34}{79} + \frac{37}{79}$	b) $\frac{47}{97} = \frac{36}{97} + \frac{11}{97}$	$\frac{47}{97} = \frac{36}{97} + \frac{11}{97}$
c) $\frac{15}{73} = \frac{51}{73} - \frac{36}{73}$	$\frac{15}{73} = \frac{51}{73} - \frac{36}{73}$	d) $\frac{34}{87} = \frac{16}{87} + \frac{6}{29}$	$\frac{34}{87} = \frac{16}{87} + \frac{18}{87}$
e) $\frac{35}{79} = \frac{67}{79} - \frac{32}{79}$	$\frac{35}{79} = \frac{67}{79} - \frac{32}{79}$	f) $\frac{74}{83} = \frac{39}{83} + \frac{35}{83}$	$\frac{74}{83} = \frac{39}{83} + \frac{35}{83}$
g) $\frac{13}{80} = \frac{11}{80} + \frac{1}{40}$	$\frac{13}{80} = \frac{11}{80} + \frac{2}{80}$	h) $\frac{13}{41} = \frac{71}{82} - \frac{45}{82}$	$\frac{26}{82} = \frac{71}{82} - \frac{45}{82}$
i) $\frac{33}{79} = \frac{20}{79} + \frac{13}{79}$	$\frac{33}{79} = \frac{20}{79} + \frac{13}{79}$	j) $\frac{39}{79} = \frac{59}{79} - \frac{20}{79}$	$\frac{39}{79} = \frac{59}{79} - \frac{20}{79}$

## Aufgabe 2

Setze den fehlenden Wert ein.

Quick:  
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a) $\frac{9}{23} = \frac{19}{23} - \frac{10}{23}$	$\frac{9}{23} = \frac{19}{23} - \frac{10}{23}$	b) $\frac{11}{23} = \frac{15}{23} - \frac{4}{23}$	$\frac{11}{23} = \frac{15}{23} - \frac{4}{23}$
c) $\frac{14}{28} = \frac{5}{14} + \frac{1}{7}$	$\frac{14}{28} = \frac{10}{28} + \frac{4}{28}$	d) $\frac{1}{5} = \frac{21}{30} - \frac{1}{2}$	$\frac{6}{30} = \frac{21}{30} - \frac{15}{30}$
e) $\frac{5}{26} = \frac{3}{26} + \frac{1}{13}$	$\frac{5}{26} = \frac{3}{26} + \frac{2}{26}$	f) $\frac{3}{13} = \frac{22}{26} - \frac{8}{13}$	$\frac{6}{26} = \frac{22}{26} - \frac{16}{26}$
g) $\frac{1}{7} = \frac{14}{21} - \frac{11}{21}$	$\frac{3}{21} = \frac{14}{21} - \frac{11}{21}$	h) $\frac{3}{28} = \frac{8}{28} - \frac{5}{28}$	$\frac{3}{28} = \frac{8}{28} - \frac{5}{28}$
i) $\frac{16}{28} = \frac{3}{7} + \frac{1}{7}$	$\frac{16}{28} = \frac{12}{28} + \frac{4}{28}$	j) $\frac{14}{29} = \frac{12}{29} + \frac{2}{29}$	$\frac{14}{29} = \frac{12}{29} + \frac{2}{29}$

## Aufgabe 3

Setze den fehlenden Wert ein.

Quick:  
6704

a) $\frac{16}{18} = \frac{5}{18} + \frac{11}{18}$	$\frac{16}{18} = \frac{5}{18} + \frac{11}{18}$	b) $\frac{10}{16} = \frac{7}{16} + \frac{3}{16}$	$\frac{10}{16} = \frac{7}{16} + \frac{3}{16}$
c) $\frac{10}{15} = \frac{2}{15} + \frac{8}{15}$	$\frac{10}{15} = \frac{2}{15} + \frac{8}{15}$	d) $\frac{6}{20} = \frac{3}{20} + \frac{3}{20}$	$\frac{6}{20} = \frac{3}{20} + \frac{3}{20}$
e) $\frac{14}{18} = \frac{7}{18} + \frac{7}{18}$	$\frac{14}{18} = \frac{7}{18} + \frac{7}{18}$	f) $\frac{15}{17} = \frac{6}{17} + \frac{9}{17}$	$\frac{15}{17} = \frac{6}{17} + \frac{9}{17}$

$$\begin{array}{llll} \text{g) } \frac{15}{17} = \frac{8}{17} + \frac{7}{17} & \frac{15}{17} = \frac{8}{17} + \frac{7}{17} & \text{h) } \frac{8}{19} = \frac{5}{19} + \frac{3}{19} & \frac{8}{19} = \frac{5}{19} + \frac{3}{19} \\ \text{i) } \frac{12}{17} = \frac{6}{17} + \frac{6}{17} & \frac{12}{17} = \frac{6}{17} + \frac{6}{17} & \text{j) } \frac{12}{16} = \frac{5}{16} + \frac{7}{16} & \frac{12}{16} = \frac{5}{16} + \frac{7}{16} \end{array}$$

Aufgabe 4

Setze den fehlenden Wert ein.

Quick:  
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$$\begin{array}{llll} \text{a) } \frac{1}{3} = \frac{15}{21} - \frac{8}{21} & \frac{7}{21} = \frac{15}{21} - \frac{8}{21} & \text{b) } \frac{2}{15} = \frac{22}{30} - \frac{3}{5} & \frac{4}{30} = \frac{22}{30} - \frac{18}{30} \\ \text{c) } \frac{13}{30} = \frac{21}{30} - \frac{4}{15} & \frac{13}{30} = \frac{21}{30} - \frac{8}{30} & \text{d) } \frac{13}{24} = \frac{1}{3} + \frac{5}{24} & \frac{13}{24} = \frac{8}{24} + \frac{5}{24} \\ \text{e) } \frac{25}{28} = \frac{1}{7} + \frac{3}{4} & \frac{25}{28} = \frac{4}{28} + \frac{21}{28} & \text{f) } \frac{3}{10} = \frac{24}{30} - \frac{1}{2} & \frac{9}{30} = \frac{24}{30} - \frac{15}{30} \\ \text{g) } \frac{1}{3} = \frac{18}{30} - \frac{4}{15} & \frac{10}{30} = \frac{18}{30} - \frac{8}{30} & \text{h) } \frac{10}{24} = \frac{1}{8} + \frac{7}{24} & \frac{10}{24} = \frac{3}{24} + \frac{7}{24} \\ \text{i) } \frac{7}{24} = \frac{5}{24} + \frac{1}{12} & \frac{7}{24} = \frac{5}{24} + \frac{2}{24} & \text{j) } \frac{13}{25} = \frac{3}{25} + \frac{2}{5} & \frac{13}{25} = \frac{3}{25} + \frac{10}{25} \end{array}$$

Viel Erfolg!