Arbeitsblatt

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Kostenlos auf dw-aufgaben.de

Aufgaben-Quickname: 6704

Aufgabe 1

Setze den fehlenden Wert ein.

a) $\dfrac{23}{89} = \dfrac{8}{89} + \dfrac{15}{89}$ $\dfrac{23}{89} = \dfrac{8}{89} + \dfrac{15}{89}$ b) $\dfrac{31}{74} = \dfrac{25}{74} + \dfrac{3}{37}$ $\dfrac{31}{74} = \dfrac{25}{74} + \dfrac{6}{74}$

c) $\dfrac{76}{86} = \dfrac{19}{86} + \dfrac{57}{86}$ $\dfrac{76}{86} = \dfrac{19}{86} + \dfrac{57}{86}$ d) $\dfrac{15}{72} = \dfrac{7}{72} + \dfrac{1}{9}$ $\dfrac{15}{72} = \dfrac{7}{72} + \dfrac{8}{72}$

e) $\dfrac{23}{89} = \dfrac{56}{89} - \dfrac{33}{89}$ $\dfrac{23}{89} = \dfrac{56}{89} - \dfrac{33}{89}$ f) $\dfrac{5}{84} = \dfrac{47}{84} - \dfrac{1}{2}$ $\dfrac{5}{84} = \dfrac{47}{84} - \dfrac{42}{84}$

g) $\dfrac{51}{98} = \dfrac{33}{98} + \dfrac{9}{49}$ $\dfrac{51}{98} = \dfrac{33}{98} + \dfrac{18}{98}$ h) $\dfrac{6}{47} = \dfrac{71}{94} - \dfrac{59}{94}$ $\dfrac{12}{94} = \dfrac{71}{94} - \dfrac{59}{94}$

i) $\dfrac{24}{91} = \dfrac{62}{91} - \dfrac{38}{91}$ $\dfrac{24}{91} = \dfrac{62}{91} - \dfrac{38}{91}$ j) $\dfrac{83}{91} = \dfrac{32}{91} + \dfrac{51}{91}$ $\dfrac{83}{91} = \dfrac{32}{91} + \dfrac{51}{91}$

Aufgabe 2

Setze den fehlenden Wert ein.

a) $\dfrac{1}{7} = \dfrac{15}{28} - \dfrac{11}{28}$ $\dfrac{4}{28} = \dfrac{15}{28} - \dfrac{11}{28}$ b) $\dfrac{6}{22} = \dfrac{3}{22} + \dfrac{3}{22}$ $\dfrac{6}{22} = \dfrac{3}{22} + \dfrac{3}{22}$

c) $\dfrac{7}{29} = \dfrac{13}{29} - \dfrac{6}{29}$ $\dfrac{7}{29} = \dfrac{13}{29} - \dfrac{6}{29}$ d) $\dfrac{2}{5} = \dfrac{14}{30} - \dfrac{1}{15}$ $\dfrac{12}{30} = \dfrac{14}{30} - \dfrac{2}{30}$

e) $\dfrac{9}{25} = \dfrac{10}{25} - \dfrac{1}{25}$ $\dfrac{9}{25} = \dfrac{10}{25} - \dfrac{1}{25}$ f) $\dfrac{25}{27} = \dfrac{1}{9} + \dfrac{22}{27}$ $\dfrac{25}{27} = \dfrac{3}{27} + \dfrac{22}{27}$

g) $\dfrac{2}{23} = \dfrac{10}{23} - \dfrac{8}{23}$ $\dfrac{2}{23} = \dfrac{10}{23} - \dfrac{8}{23}$ h) $\dfrac{20}{26} = \dfrac{3}{13} + \dfrac{7}{13}$ $\dfrac{20}{26} = \dfrac{6}{26} + \dfrac{14}{26}$

i) $\dfrac{11}{26} = \dfrac{23}{26} - \dfrac{6}{13}$ $\dfrac{11}{26} = \dfrac{23}{26} - \dfrac{12}{26}$ j) $\dfrac{16}{28} = \dfrac{13}{28} + \dfrac{3}{28}$ $\dfrac{16}{28} = \dfrac{13}{28} + \dfrac{3}{28}$

Aufgabe 3

Setze den fehlenden Wert ein.

a) $\dfrac{12}{20} = \dfrac{3}{20} + \dfrac{9}{20}$ $\dfrac{12}{20} = \dfrac{3}{20} + \dfrac{9}{20}$ b) $\dfrac{12}{16} = \dfrac{3}{16} + \dfrac{9}{16}$ $\dfrac{12}{16} = \dfrac{3}{16} + \dfrac{9}{16}$

c) $\dfrac{5}{17} = \dfrac{3}{17} + \dfrac{2}{17}$ $\dfrac{5}{17} = \dfrac{3}{17} + \dfrac{2}{17}$ d) $\dfrac{10}{16} = \dfrac{5}{16} + \dfrac{5}{16}$ $\dfrac{10}{16} = \dfrac{5}{16} + \dfrac{5}{16}$

e) $\frac{11}{17} = \frac{3}{17} + \frac{8}{17}$ $\frac{11}{17} = \frac{3}{17} + \frac{8}{17}$ f) $\frac{8}{14} = \frac{5}{14} + \frac{3}{14}$ $\frac{8}{14} = \frac{5}{14} + \frac{3}{14}$

g) $\frac{12}{20} = \frac{9}{20} + \frac{3}{20}$ $\frac{12}{20} = \frac{9}{20} + \frac{3}{20}$ h) $\frac{8}{14} = \frac{5}{14} + \frac{3}{14}$ $\frac{8}{14} = \frac{5}{14} + \frac{3}{14}$

i) $\frac{14}{17} = \frac{7}{17} + \frac{7}{17}$ $\frac{14}{17} = \frac{7}{17} + \frac{7}{17}$ j) $\frac{10}{19} = \frac{2}{19} + \frac{8}{19}$ $\frac{10}{19} = \frac{2}{19} + \frac{8}{19}$

Aufgabe 4

Setze den fehlenden Wert ein.

a) $\frac{14}{27} = \frac{5}{27} + \frac{1}{3}$ $\frac{14}{27} = \frac{5}{27} + \frac{9}{27}$ b) $\frac{15}{24} = \frac{5}{12} + \frac{5}{24}$ $\frac{15}{24} = \frac{10}{24} + \frac{5}{24}$

c) $\frac{8}{25} = \frac{18}{25} - \frac{2}{5}$ $\frac{8}{25} = \frac{18}{25} - \frac{10}{25}$ d) $\frac{1}{5} = \frac{13}{25} - \frac{8}{25}$ $\frac{5}{25} = \frac{13}{25} - \frac{8}{25}$

e) $\frac{5}{24} = \frac{19}{24} - \frac{7}{12}$ $\frac{5}{24} = \frac{19}{24} - \frac{14}{24}$ f) $\frac{15}{22} = \frac{9}{22} + \frac{3}{11}$ $\frac{15}{22} = \frac{9}{22} + \frac{6}{22}$

g) $\frac{5}{22} = \frac{17}{22} - \frac{6}{11}$ $\frac{5}{22} = \frac{17}{22} - \frac{12}{22}$ h) $\frac{21}{22} = \frac{5}{22} + \frac{8}{11}$ $\frac{21}{22} = \frac{5}{22} + \frac{16}{22}$

i) $\frac{3}{8} = \frac{19}{24} - \frac{5}{12}$ $\frac{9}{24} = \frac{19}{24} - \frac{10}{24}$ j) $\frac{4}{9} = \frac{14}{27} - \frac{2}{27}$ $\frac{12}{27} = \frac{14}{27} - \frac{2}{27}$

Viel Erfolg!