

Arbeitsblatt

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Kostenlos auf dw-aufgaben.de

Aufgaben-Quickname: 5732

Aufgabe 1

Ergänze die fehlenden Brüche.

a) $\frac{9}{10} \cdot \blacksquare = \frac{27}{80}$ b) $\frac{6}{7} \cdot \blacksquare = \frac{30}{49}$ c) $\blacksquare \cdot \frac{5}{8} = \frac{15}{64}$ d) $\frac{4}{5} \cdot \blacksquare = \frac{3}{5}$
e) $\blacksquare \cdot \frac{1}{4} = \frac{1}{32}$ f) $\frac{8}{9} \cdot \blacksquare = \frac{4}{9}$ g) $\blacksquare \cdot \frac{7}{9} = \frac{7}{81}$ h) $\frac{5}{7} \cdot \blacksquare = \frac{1}{2}$
i) $\blacksquare \cdot \frac{2}{9} = \frac{2}{15}$ j) $\frac{3}{8} \cdot \blacksquare = \frac{9}{64}$

Aufgabe 2

Ergänze die fehlenden Brüche.

a) $\frac{23}{98} \cdot \blacksquare = \frac{713}{3871}$ b) $\frac{1}{4} \cdot \blacksquare = \frac{15}{188}$ c) $\frac{5}{89} \cdot \blacksquare = \frac{185}{7743}$
d) $\blacksquare \cdot \frac{31}{39} = \frac{248}{533}$ e) $\frac{38}{71} \cdot \blacksquare = \frac{8}{355}$ f) $\frac{10}{31} \cdot \blacksquare = \frac{5}{31}$
g) $\frac{17}{18} \cdot \blacksquare = \frac{799}{1782}$ h) $\blacksquare \cdot \frac{29}{75} = \frac{2}{25}$ i) $\frac{12}{83} \cdot \blacksquare = \frac{744}{6557}$
j) $\blacksquare \cdot \frac{57}{91} = \frac{3933}{7735}$

Aufgabe 3

Ergänze die fehlenden Brüche.

a) $\frac{11}{7} \cdot \blacksquare = 1\frac{31}{497}$ b) $\blacksquare \cdot \frac{40}{11} = 3\frac{21}{473}$ c) $\blacksquare \cdot \frac{46}{39} = \frac{184}{2847}$
d) $\blacksquare \cdot \frac{4}{11} = \frac{24}{275}$ e) $\blacksquare \cdot \frac{11}{48} = \frac{99}{544}$ f) $\blacksquare \cdot \frac{1}{4} = \frac{47}{184}$
g) $\blacksquare \cdot \frac{95}{54} = 1\frac{91}{99}$ h) $\blacksquare \cdot \frac{55}{29} = 3\frac{18}{29}$ i) $\blacksquare \cdot \frac{1}{5} = \frac{6}{145}$
j) $\frac{50}{49} \cdot \blacksquare = \frac{87}{98}$

Aufgabe 4

Ergänze die fehlenden Brüche.

a) $10\frac{1}{8} \cdot \blacksquare = 10\frac{151}{236}$ b) $\blacksquare \cdot 2\frac{29}{32} = \frac{279}{760}$ c) $1\frac{37}{57} \cdot \blacksquare = \frac{3008}{3933}$

$$\begin{array}{lll} \text{d) } \blacksquare \cdot 5\frac{9}{10} = 10\frac{15}{28} & \text{e) } 1\frac{1}{18} \cdot \blacksquare = 1\frac{148}{441} & \text{f) } 1\frac{37}{46} \cdot \blacksquare = 4\frac{177}{184} \\ \text{g) } \blacksquare \cdot \frac{87}{97} = \frac{27}{97} & \text{h) } 2\frac{17}{35} \cdot \blacksquare = 6\frac{31}{77} & \text{i) } \blacksquare \cdot 5\frac{1}{3} = 2\frac{26}{47} \\ \text{j) } \blacksquare \cdot \frac{32}{75} = \frac{784}{3525} & & \end{array}$$

Viel Erfolg!