

TÜ 5.9.2019 Klasse 7.1.

a	b	c	d
$\frac{3}{2} + 1\frac{3}{9}$	$\frac{1}{2} - \frac{5}{17}$	$0,2 \cdot \frac{2}{5}$	$\frac{1}{10} : \frac{7}{20}$
e	f	g	h
$\frac{7}{5} + 1,75$	$\frac{12}{10} - 0,7$	$\frac{4}{3} \cdot 0,25$	$1\frac{1}{5} : 1\frac{1}{10}$

a	$\frac{3}{2} + 1\frac{3}{9} = \frac{3}{2} + \frac{12}{9} = \frac{27+24}{18} = \frac{51}{18} = \frac{17}{6} = 2\frac{5}{6}$
b	$\frac{1}{2} - \frac{5}{17} = \frac{17-10}{34} = \frac{7}{34}$
c	$0,2 \cdot \frac{2}{5} = 0,2 \cdot \frac{4}{10} = 0,2 \cdot 0,4 = 0,08$
d	$\frac{1}{10} : \frac{7}{20} = \frac{1}{10} \cdot \frac{20}{7} = \frac{2}{7}$
e	$\frac{7}{5} + 1,75 = \frac{14}{10} + 1,75 = 1,4 + 1,75 = 3,15$ $\frac{7}{5} + 1,75 = \frac{14}{10} + \frac{175}{100} = \frac{140}{100} + \frac{175}{100} = \frac{315}{100} = \frac{63}{20}$
f	$\frac{12}{10} - 0,7 = 1,2 - 0,7 = 0,5$ $\frac{12}{10} - 0,7 = \frac{12}{10} - \frac{7}{10} = \frac{5}{10} = \frac{1}{2}$
g	$\frac{4}{3} \cdot 0,25 = \frac{4}{3} \cdot \frac{1}{4} = \frac{1}{3}$
h	$1\frac{1}{5} : 1\frac{1}{10} = \frac{6}{5} : \frac{11}{10} = \frac{6}{5} * \frac{10}{11} = \frac{6}{1} * \frac{2}{11} = \frac{12}{11}$