B. 185/1

a: $-\frac{1}{2}*\frac{1}{8}= -\frac{1}{16}$ $-\frac{2*6}{6*5}=-\frac{2}{5}$ $-\frac{4}{25}$ $-,24$

b: $+\frac{3*100}{20}=15$ $+2{,}68$ 0 $-\frac{6}{25}$

c: $\frac{5}{144}$ $-\frac{1}{27}$ $\frac{2^4}{3^4}=\frac{16}{81}$ $2{,}25$ $-\frac{5}{12}*\frac{12}{5}= -1$

d: $-\frac{5*2*7}{2*6*3*5}=\frac{7}{18}$ $+\frac{7*3*5}{2*5*2*7}=\frac{3}{4}$ $-\frac{11*3*8}{8*2*11}$ $-3{,}24$

B. 185/3

a: positiv, da +*- = - b: positiv, da Hochzahl gerade

c: negativ, da +*- = - und +*+ = + (2. Faktor)

d: 0, da 3. Faktor 0

B. 187/1

a: $-\frac{1*8}{2*1}= -4$ $+\frac{2*5}{6*3}=\frac{5}{9}$ $0*\frac{5}{2}=0$ $0{,}12*\frac{1}{1}=0{,}12*1=0{,}12$

b: $+\frac{3*1}{20*10}=\frac{3}{200}$ $+\frac{1{,}34}{0{,}2}=\frac{13{,}4}{2}=6{,}7$ $0*\frac{19}{13}=0$ $-\frac{2}{5}*\frac{2}{1}= -\frac{4}{5}$

c: $-\frac{5}{12}*\frac{3}{1}= -\frac{5}{4}$ $+\frac{2}{3}*\frac{2}{3}=\frac{4}{9}$ $-\frac{5}{12}*\frac{5}{12}= -\frac{25}{144}$ $-1*\frac{7}{6}= -\frac{7}{6}$

d: $+\frac{5*3*5}{3*4*4}=\frac{25}{16}$ $-\frac{7*2}{2*5*3}=-\frac{7}{15}$ $-\frac{11*3*8}{8*3*11}= -1$ $-\frac{3{,}6}{1{,}8}= -\frac{36}{18}= -2$

e: $+\frac{3}{2}*\frac{1}{1{,}5}= -\frac{2*1{,}5}{2*1{,}5}= -1$ $-\frac{4}{3*4}= -\frac{1}{3}$ $-\frac{4{,}1}{0{,}01}= -\frac{410}{1}=-410$ $-\frac{0{,}1}{2{,}5}=-\frac{1}{25}=$
$-0{,}04$

B. 187/5

1.Spalte $a*b= -\frac{2}{3}*\frac{3}{4}= -\frac{1}{2}$ $a:b= -\frac{2}{3}*\frac{4}{3}= -\frac{8}{9}$

2. Spalte b = -4 mit Überlegen oder probieren $a*b=-2*(-4)=8$

3. Spalte $a=1\ mit\ Überlegen$ $a:b=1:(-1)= -1$

4. Spalte $a*b= -\frac{4}{5}*\frac{4}{5}= -\frac{16}{25}$ $a:b= -\frac{4}{5}*\frac{5}{4}= -1$

5. Spalte b = (a*b):a $=\frac{1}{10}:\left(-\frac{1}{100}\right)=\frac{1}{10}*\left(-\frac{100}{1}\right)= -10$

$a:b= +\frac{1}{100}:(10)=\frac{1}{100}:\frac{10}{1}=\frac{1}{100}*\frac{1}{10}=\frac{1}{1000}$

6. Spalte $a*b=0$ $a:b=0:1{,}9=\frac{0}{1{,}9}=0*\frac{1}{1{,}9}=0$