

Thema: Verbindung der vier Grundrechnungsarten	Handlungskompetenz: O
Name:	Klasse:



1. Berechne.

a)  $(-1,32) + (-2,4) \cdot (-1,3) =$

b)  $[-3,5 - (+2,4) : (+1,5)] \cdot (-1,2) =$



2. Berechne.

a)

$(-\frac{3}{4}) + (-\frac{2}{3}) \cdot (+\frac{3}{5}) + (-\frac{3}{4}) =$

$[(\frac{-3}{4}) + (\frac{-2}{3})] \cdot (+\frac{3}{5}) + (-\frac{3}{4}) =$

$(-\frac{3}{4}) + (-\frac{2}{3}) \cdot [(\frac{3}{5}) + (-\frac{3}{4})] =$

$[(\frac{-3}{4}) + (\frac{-2}{3})] \cdot [(\frac{3}{5}) + (-\frac{3}{4})] =$

b)  $(-\frac{3}{5}) - (+\frac{2}{5}) \cdot (-\frac{3}{10}) - (-\frac{3}{4}) =$

$[(\frac{-3}{5}) - (+\frac{2}{5})] \cdot (-\frac{3}{10}) - (-\frac{3}{4}) =$

$(-\frac{3}{5}) - (+\frac{2}{5}) \cdot [(-\frac{3}{10}) - (-\frac{3}{4})] =$

$[(\frac{-3}{5}) - (+\frac{2}{5})] \cdot [(-\frac{3}{10}) - (-\frac{3}{4})] =$

Thema: <i>Verbindung der vier Grundrechnungsarten - Lösungen</i>	Handlungskompetenz: O
Name:	Klasse:



1. Berechne.

$$\text{a) } (-1,32) + (-2,4) \cdot (-1,3) = 1,8$$

$$\text{b) } [-3,5 - (+2,4) : (+1,5)] \cdot (-1,2) = 6,12$$



2. Berechne.

a)

$$\left(-\frac{3}{4}\right) + \left(-\frac{2}{3}\right) \cdot \left(+\frac{3}{5}\right) + \left(-\frac{3}{4}\right) = -1\frac{9}{10}$$

$$\left[\left(-\frac{3}{4}\right) + \left(-\frac{2}{3}\right)\right] \cdot \left(+\frac{3}{5}\right) + \left(-\frac{3}{4}\right) = -1\frac{3}{5}$$

$$\left(-\frac{3}{4}\right) + \left(-\frac{2}{3}\right) \cdot \left[\left(+\frac{3}{5}\right) + \left(-\frac{3}{4}\right)\right] = -\frac{13}{20}$$

$$\left[\left(-\frac{3}{4}\right) + \left(-\frac{2}{3}\right)\right] \cdot \left[\left(+\frac{3}{5}\right) + \left(-\frac{3}{4}\right)\right] = \frac{17}{80}$$

$$\text{b) } \left(-\frac{3}{5}\right) - \left(+\frac{2}{5}\right) \cdot \left(-\frac{3}{10}\right) - \left(-\frac{3}{4}\right) = \frac{27}{100}$$

$$\left[\left(-\frac{3}{5}\right) - \left(+\frac{2}{5}\right)\right] \cdot \left(-\frac{3}{10}\right) - \left(-\frac{3}{4}\right) = 1\frac{1}{20}$$

$$\left(-\frac{3}{5}\right) - \left(+\frac{2}{5}\right) \cdot \left[\left(-\frac{3}{10}\right) - \left(-\frac{3}{4}\right)\right] = -\frac{39}{50}$$

$$\left[\left(-\frac{3}{5}\right) - \left(+\frac{2}{5}\right)\right] \cdot \left[\left(-\frac{3}{10}\right) - \left(-\frac{3}{4}\right)\right] = -\frac{9}{20}$$