

①

$$\frac{-5 - \frac{1}{5}}{\frac{2}{21} - \frac{2}{7}} = \frac{-\frac{26}{5}}{\frac{2-6}{21}} = \frac{-\frac{26}{5}}{-\frac{4}{21}} =$$

$$= \frac{26}{5} \cdot \frac{4}{21} \cdot \frac{21}{4} = \frac{26 \cdot 21}{5 \cdot 4} = \frac{546}{20} = \frac{273}{10} =$$

$$= 27,3$$

②

$$\frac{7}{6} : \left(4 - \frac{20}{5}\right) = \frac{7}{6} : \frac{20-20}{5} = \frac{7}{6} : 0$$

NULOU SA NEDA  
DELIT

③

$$0 : \left(9 + \frac{1}{9}\right) = \underline{\underline{0}}$$

④

$$\sqrt{\frac{1}{5}} \sqrt{\frac{6}{5}} = \sqrt{\frac{1}{5} + \frac{6}{5}} = \sqrt{\frac{7}{5}} = \sqrt{1} = \underline{\underline{1}}$$

⑤

$$(49a^4b-2)^{\frac{1}{2}} = \sqrt{49a^4b-2}$$

$$\textcircled{6} \left(\frac{2x^{-3}y^2}{4xy}\right)^{-2} = \left(\frac{x^{-3}y^2}{2xy}\right)^{-2} = \left(\frac{1}{2}x^{-4}y^3}\right)^{-2} =$$

$$= \frac{1^2}{2^2} \cdot x^{-4 \cdot 2} \cdot y^{3 \cdot 2} = \frac{1}{4} \cdot x^{-8} \cdot y^6 = 4x^8y^{-6} = \underline{\underline{\frac{4x^8}{y^6}}}$$